Shoot Stunning Videos with Sony Professional Handycam



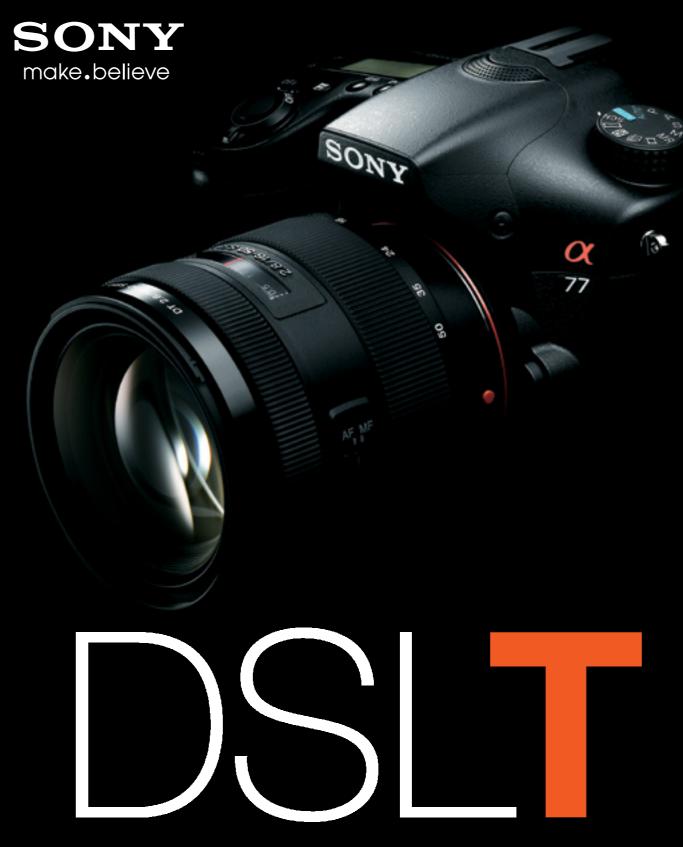
While efforts have been made to provide accurate information, there could be printing errors, which may have crept in. In the event of any discrepancy, the product Operating Instruction supplied with product shall be the authentic reference point. All MRP inclusive of all taxes. Price quoted is for One Unit of Product.

For sales and service queries, call 1800-103-7799 (Toll Free) or e-mail us at sonyindia.care@ap.sony.com Visit us at www.sony.co.in Please write to b2bindia@ap.sony.com for corporate enquiries.



For more information log on to





The future of DSLR is translucent.

Translucent Mirror Technology TM







Sony DSLT

Best Imaging Innovation: Sony SLT, Translucent Mirror Technology

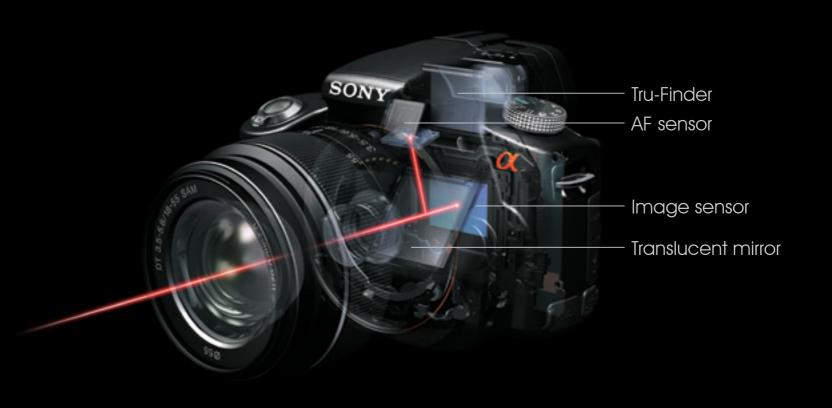


In conventional DSLRs when the shutter button is pressed, mirror is usually lowered and distance is measured using light reflected off sub-mirror. Mirror rises just before shutter is released to expose the image sensor to light. Due to the physical action of 'Mirror Flipping', there is limitation to the speed of operation in the DSLR. Also as the Mirror rises, Auto Focus does not work during exposure. Similarly, AF in unavailable during Video and Live - View shooting as well. Some DSLRs shift to limited manual focus or Contrast Detection system during this time.

On the other hand, in Sony SLTs, thanks to the newly incorporated Translucent Mirror Technology, mirror operation is no longer required. When picture is clicked, the Translucent Mirror does not flip and it lets light pass through to the sensor. Only shutter is released & brilliant pictures are captured. This makes it many-fold faster than any conventional DSLRs in the category. Also AF is always achieved at a high speed and is highly accurate because light is always guided to the top AF sensor whether shooting stills, movies or in Live View. The camera has been downsized by the elimination of mirror drive mechanisms and the improved freedom with parts layout. Clear images can be seen both in the viewfinder and LCD because highly detailed images captured by the main image sensor can be used as live view images.

Translucent Mirror Technology for Full-time Continuous AF

Translucent Mirror Technology is an exclusive new-generation Sony technology that enables high-speed, high-precision, phase-detection AF to be used for both still-photo and Full HD movie shooting, via either the finder or LCD monitor.



2





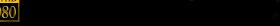


 α 77











- World's fastest*** continuous shooting up to 12 fps with Full-time Continuous Auto Focus
- AVCHD Ver. 2.0 (Progressive) Full HD Movie at 60p (50p)**
- 19-point AF System with 11 cross sensors
- World's first*** XGA OLED Tru-Finder viewfinder
- 1/8000 sec. shutter speed and approx. 150,000 shutter release durability

SLT-A77 MRP Rs.99,990/- SLT-A77 MRP Rs.89,990/-

SLT-A77 MRP Rs.69,990/-



Translucent Mirror Technology™

SPECIAL REGISTRATION OFFER





SPECIAL REGISTRATION OFFER

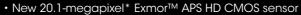












- New high-resolution, high-contrast OLED Tru-Finder™
- New Lock-on AF
- New Auto Object Framing
- 15-point AF system with 3 cross sensors
- Quick AF Full HD Movie
- · ISO 100-16000 sensitivity

SLT-A58 MRP Rs.32,990/-

- * Effective pixels (approx.)
- ** NTSC (PAL)
- *** Among interchangeable-lens cameras with an APS-C sensor as of August 2011.
- ^ In Tele-zoom Continuous Advance Priority AE mode













- 16.1 Megapixel* Exmor APS HD CMOS Sensor
- Upto 12 FPS Still Image Capability
- 1080p Full HD Movie Rec. with Auto Focus
- 15-point AF system with 3 Cross Sensors
- ISO 100-16000 sensitivity
- 3.0(7.6cm) 270° Tiltable LCD Monitor
 3D Sweep Panorama

SLT-A57 MRP Rs.45,990/-with SAL1855 lens













- Ultra-high resolution: 24.3-megapixel* Exmor™ APS HD
- Upto 10 fps continuous shooting with Full-time Continuous AF
- AVCHD Ver. 2.0 (Progressive) Full HD Movie at 60p (50p) ** World's first*** XGA OLED Tru-Finder viewfinder
- 921,600-dot Xtra Fine LCD monitor with variable angle tilt

SLT-A65 MRP Rs.59,990/-with SAL1855 lens



ADVANCED QUICK AF LIVE VIEW



With 70-300mm F4.5-5.6 G SSM (SAL70300G) in Tele-zoom Continuous Advance Priority AE mode, (1/800 sec., F5.6), ISO 100, Auto white balar

Quick AF Live View for whichever view you choose

Whether you view and compose via the electronic viewfinder or the LCD monitor, Translucent Mirror Technology means you're seeing the high-resolution image directly from the camera's image sensor, while the image is simultaneously "seen" by the TTL phase-detection AF sensor for Full-time Continuous AF.



100% coverage for perfect framing and composition

100% frame coverage lets you see the entirety of the image you're capturing in the viewfinder and on the LCD. Normally a "premium" feature found only in highend cameras, full coverage allows more accurate framing, and you won't miss any details at the edges and corners that could affect your composition.



UPTO 12 FPS HIGH SPEED CONTINOUS SHOOTING

Blazing speed that means you'll never miss the moment

This professional-level continuous shooting speed gives you a decisive advantage when capturing sports action and fleeting facial expressions. Every second, you can capture up to 12[#] images with clarity and precision. Moreover, you can enjoy the expressive power and flexibility of interchangeable lenses without slowing down performance. As with full-time autofocusing, this extra ordinary response is made possible by innovative Sony Translucent Mirror Technology



*Up to 12 FPS in SLT - A77 & SLT - A57, 10 FPS in SLT - A65 & 7 FPS in SLT - A37



Sony DSLT*

^{*}Comparison made between Sony SLT & other DSLRs in Similar price range

QUICK AF FOR STILL & MOVIE RECORDING



Full-time Continuous AF offers the speed you need for burst shooting and professional-looking movies

Most interchangeable lens cameras employ standard contrast-detection autofocusing when shooting movies and struggle to keep subject in focus, during high speed still shoot. But the Sony SLTs delivers the superior speed and precision of full-time continuous phase-detection

auto-focusing even during high speed still and HD movie shooting — thanks to the breakthrough advantages of Sony Translucent Mirror Technology. This newly enhanced Quick AF Full HD Movie feature combines with high sensitivity and efficient noise reduction to provide

professional results even when focusing on fast-moving subjects indoors. When the AF area is set to Local, you can also switch the focus point from one part of the scene to another while shooting.



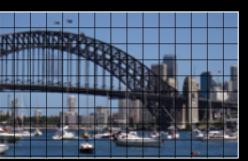




FULL HD 1920X1080 VIDEO RECORDING



Full High Definition gives you enhanced picture quality, which is 4.5 times better than Standard Definition. The difference between High Definition Picture quality and conventional Standard Definition is immediately noticeable. From the smallest smile to the brightest rainbow, you'll definitely appreciate the vibrancy and realism of 1920 x 1080 Full High Definition.



Standard Definition
Less than 1 million pixels



Full High Definition

1920H x 1080V = 2 million pixels

Background defocusing builds cinematic depth

The newly developed Exmor APS HD CMOS sensor used in the SLTs not only has the high sensitivity you need to capture high-quality images in low light, but it is also large enough to create gorgeous background defocusing effects that are beyond the capabilities of conventional camcorders. Judicious use of background defocusing can add a sense of cinematic depth that will infuse your movies with attention-grabbing dramatic appeal.





HDMI Connectivity

Sony SLTs record brilliant High-Definition videos and also have HDMI Connectivity, enabling you to enjoy your videos in brilliant High-Definition clarity on your BRAVIA.

One-touch movie access

A dedicated MOVIE button conveniently located on the top of the body lets you start and stop movie recording with a single touch.



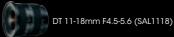
A comprehensive range of lenses for the ideal perspective

The full range of α system A-mount lenses covers a wide range of focal lengths and perspectives that can enhance your movie making: fisheye, super wideangle, telephoto, macro, zoom, and more. What's more, all of these lenses* benefit from the full-time high-speed, high-precision, TTL phase-detection AF offered by Sony SLTs. You can stretch your cinematic creativity to the limit without running into focusing problems.

AVCHD and MP4 formats offer broad versatility

The AVCHD format is rapidly becoming the de facto standard for Full HD home movie recording, but the MP4 format makes it easier to post video clips on blogs and video-sharing websites. The Sony SLTs gives you both!

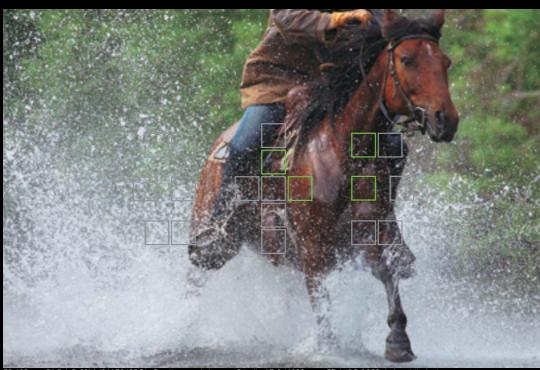






8

19-POINT AF SYSTEM WITH 11 CROSS SENSORS* FOR **PINPOINT FOCUS**





The beauty of an SLT is the creaive flexibility it gives you. It is unlimited flexibility that Sony SLT provides you in framing your subject in a manner you like. The new phase-detection autofocusing system spreads 19 AF sensors over a wide

AF area to increase your framing freedom and keep moving subjects in focus. It includes 11 cross sensors that deliver more accurate and reliable tracking than sensors with only vertical or horizontal detection can achieve. This

new AF system additionally improves autofocusing performance in low brightness conditions to ensure precision focusing wherever and whenever you









* 19 AF Points + 11 Cross Sensors in SLT - A77 & 15 AF Points + 3 Cross Sensors in SLT - A65, SLT - A57 & SLT - A37



BUILT-IN STEADYSHOT™ INSIDE IMAGE STABILIZATION











Built-in SteadyShot™ in Sony SLTs

With image stabilization

Without image stabilization

Normal DSLRs do not have SteadyShot™ inside, but have it on select lenses that are usually costly. While Sony SLTs have built-in SteadyShot™ Technology inside, which makes it effective enough to enable sharp imaging at shutter speeds approximately 2.5 to 4 steps slower than would otherwise be possible, SteadyShot INSIDE image stabilization increases macro and indoor wide-angle photo opportunities by making it easier to shoot without using a tripod or flash.

Wide range of lenses to choose from without any concern about image stabilization.



FASTER RESPONSE TIME WITH APPROX. 0.05 SEC. MINIMUM RELEASE TIME LAG





With DT 55-200mm F4-5.6 SAM (SAL55200-2), M mode, 1/320 sec., F7.1, ISO 200, Auto white balance

In conventional DSLRs, due to Mirror Flipping & Shutter Release, the lag time is a hindrance. During this 'release time lag' camera does not click images & screen goes black. But in the new SLTs, when photo opportunities arise, accelerated shutter response lets you capture decisive moments with confidence. An innovative electronic front curtain shutter in the image sensor slashes shutter release time lag to a class-leading 0.05 second* (approx.) and produces less shutter noise and vibration than a mechanical front curtain shutter. If desired, a mechanical front curtain shutter can be activated through the MENU.

*Speed may vary depending on shooting conditions and memory card in use.

SONY TECHNOLOGY OFFERS OVERWHELMING **IMAGE-QUALITY ADVANTAGES**



With DT 55-200mm F4-5.6 SAM (SAL55200-2), M mode, 1/320 sec., F7.1, ISO 200, Auto white balance

New 24.3-megapixel* Exmor™ APS **HD CMOS sensor**

Stunning images brimming with detail are yours at an astounding 24.3-megapixel* resolution, thanks to Sony's new proprietary Exmor APS HD CMOS sensor (APS-C size). This ultra-high resolution is complemented by an extra-large sensor size that raises sensitivity in low-light conditions and strengthens background defocusing effects. So you can add depth and drama to virtually any scene. Dual noise reduction also significantly reduces noise during analog and digital signal conversion to ensure smooth, crystal-clear reproduction even in lowlight conditions.

* 24.3 megapixel in SLT - A77 & SLT - A65; 16.1 Megapixel in SLT - A57 & SLT - A37

Exmor

High sensitivity with ISO 100-16000*

Master virtually any lighting conditions with extremely high ISO sensitivity and wide-ranging settings. Capture the mood of a candlelit wedding ceremony with a high sensitivity setting; the flow of a river with a low sensitivity setting and slow shutter speed; or athletes competing indoors with a high sensitivity setting and high shutter speed — all with extremely high quality and low noise courtesy of Sony's ultra-sensitive Exmor APS HD CMOS sensor (APS-C size) and advanced BIONZ image processor. In regular shooting conditions, you can take full advantage of an Auto ISO mode that automatically chooses the optimal ISO setting between ISO 100 and 1600 or between any available range you choose to customize (from 100 to 12800) for

BIONZ





SOPHISTICATED SONY IMAGING TECHNOLOGY



















Enhanced Picture Effect

Express your creativity with Picture Effect. These innovative effects transform your still images and movies into stunning works of art by adjusting camera parameters and applying advanced image processing techniques like masking and compositing — all within the camera. Depending on your scene and creative

intentions, you can choose from 11 customizable modes (with 15 effects) including four incredible new ones: HDR Painting, Rich-tone Monochrome, Soft Focus and a Miniature mode that makes your subject look like a miniature model.





- · Some Picture Effect modes cannot be applied to movies
- · Some images above are simulated



With DT 16-105mm F3.5-5.6 (SAL16105) in Sweep Panorama Mode

Sweep Panorama captures sweeping vistas in a single motion

There was a time when compositing multiple shots to create panoramic images with eye-catching detail required careful shooting plus time spent at a computer. Now the Sony SLTs Sweep Panorama mode makes it easy to create spectacular panorama photos by simply sweeping the camera





across the scene you want to capture. All necessary post-processing is carried out automatically right in the camera, thanks to the high performance and speed of the Exmor APS HD CMOS sensor and BIONZ image processor.

There's also a 3D Sweep Panorama mode that creates panoramic images with incredible 3D depth. You can view 3D panoramas by connecting the camera to HDMI-compliant 3D TVs.



Superior Auto mode

For the ultimate in point-and-shoot convenience, enter the Superior Auto mode. It utilizes advanced detection and analysis to optimize camera parameters for the scene you're shooting. Moreover, it activates advanced functions like Auto HDR and Hand-held Twilight when image quality can be improved. Helpful information is also conveniently displayed on screen.



Auto HDR



iloj#

Creative Style settings offer extra artistic versatility

Six Creative Style settings for stills and movies provide a range of options for extra artistic flair and expression: Standard, Vivid, Portrait, Landscape, Sunset, and B/W. In addition, contrast & saturation* plus sharpness fine-tuning.

*Not available in B/W mode.



Other features

FEATURES FOR EXTRA PHOTOGRAPHIC QUALITY **AND ENJOYMENT**

Multi Frame NR achieves ultra-low-noise imaging

Multi Frame NR realizes extremely low noise by automatically capturing six frames at high speed using the current shutter speed, aperture, and ISO settings, and seamlessly combining them into a single low-noise JPEG image using sophisticated motion-detection and digital compositing technologies. The amount of noise reduction achieved can be as much as two ISO steps. At the highest setting Multi Frame NR uses ISO expansion to achieve class-leading, ultra-high sensitivity that is equivalent to ISO 25600.

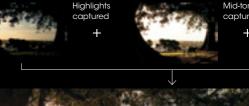




Dynamic range approaches human vision with Auto HDR

Auto HDR is another advanced compositing feature that captures far greater shadow and highlight detail than normal exposure. It achieves a dynamic range of 6EV that approaches the extremely wide range of human vision. Auto HDR automatically captures

three frames in rapid succession and combines them into a single image with perfect alignment. The advanced algorithms used to align the exposures are so effective that you can even shoot remarkable HDR images without using



Final image



* Auto HDR available in P/A/S/M modes, and may be automatically activated in AUTO+ mode. Disabled when RAW or RAW+JPEC image file format is selected.

Hand-held Twilight mode enables low-light captures without flash

The Hand-held Twilight mode is a fully automatic Scene Selection mode that works similarly to Multi Frame NR, taking six frames at high speed and precisely combining them into a single image, using Sony digital compositing technology. Low-light blurring and noise are minimized so you can shoot naturallooking images without flash.



D-Range Optimizer brings out high-light and shadow detail in any light

The D-Range Optimizer uses original Sony technology to bring out natural highlight and shadow detail in high contrast lighting conditions. That can be a huge advantage when shooting portraits and active subjects. High-speed BIONZ processing means it can even be used for continuous shooting.







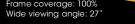
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THE WORLD'S FIRST* XGA OLED VIEWFINDER* FOR SUPREME **COMFORT AND EASE**









Unrivaled resolution, contrast and response

Camera technology takes a major leap forward with the introduction of the world's first* OLED viewfinder. This extraordinary new XGA OLED Tru-Finder displays your scene with incredible contrast, clarity and color accuracy. Since Translucent Mirror Technology transmits the same image to the viewfinder and image sensor, you can view exactly what will appear in your photo, including defocusing effects that faithfully reflect your aperture settings. You can therefore perfect the background as well as your main subject when composing photos. Moreover, viewing is supremely easy in any type of lighting — a distinct advantage over optical viewfinders that are hard to view in the dark and LCD monitors that are difficult to view in bright sunlight. This viewing ease makes it much easier to concentrate on the

The backlight-free design of OLED technology delivers incredible contrast — 10 times higher than conventional electronic viewfinders — that broadens the dynamic range. Accelerated OLED response also virtually eliminates both motion blur and residual images when tracking moving objects or displaying recorded movies. Slim unit dimensions gave Sony extra freedom to achieve advances like a wide 33.3° viewing angle, high 27 mm eye-point and 100% frame coverage. A high-precision 2,369k (approx.) dot resolution allows fineadjustment of focus via Focus Magnifier, which enlarges part of the image so you can fine-tune the focus and then zoom out to capture the shot.

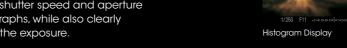
*Among interchangeable-lens cameras with an APS-C sensor as of August 2011. *Available with SLT - A77, SLT - A65 & SLT - A58

Tru-Finder preview of Picture Effect (High Contrast Monochrome)

Tru-Finder

Variable information display

The OLED viewfinder clearly displays detailed shooting information at high XGA resolution for quick and easy reading. You can display the data in your choice of five display modes (Shooting Data, Graphic, Digital Level Gauge, Histogram or Simple Display) by pressing the DISP button. The Digital Level Gauge indicates whether the camera is level in the horizontal and front-back directions. The Histogram displays the luminance distribution of pixels in the image, which can be adjusted through exposure compensation. And the Graphic Display shows the shutter speed and aperture value as graphs, while also clearly illustrating the exposure.



Shootina Data Displa

clear and precise enlarged image The viewfinder is so informative and This convenient alternative to zooming makes it easy to capture distant

subjects while viewing the finder. Press the Smart Teleconverter button on the back of the camera once to enjoy the equivalent of 1.4x magnification or twice for 2x magnification. When you're pleased with the composition clearly displayed on the high-resolution XGA OLED, press the shutter button to record the image at a minimum 12-megapixel resolution.



Three grid displays

Whenever you desire assistance aligning the horizon or achieving a balanced composition, you can overlay one of three types of grids in the viewfinder. These include a 3x3 grid that follows the rule of thirds, a 4x4 grid that includes two 45-degree lines passing through the center, and a 6x4 grid that simplifies the alignment of multiple visual elements.



Smart Teleconverter provides a





Do it all from the viewfinder

easy to view that every step in the photographic process — including setting up shooting parameters and previewing their effects in real-time, framing your subject and fine-tuning the focus with the Enlargement feature, shooting photos and movies, and checking final results — can easily be handled from start to finish without removing your eye from the viewfinder. This is true even in bright outdoor lighting and during sports, portrait and macro photography. So you can fully concentrate on capturing spectacular

High visibility in bright and dark scenes

Since the viewfinder image is just as dim or bright as the actual scene, viewing is remarkably easy in any type of lighting — a genuine advantage over optical viewfinders that are difficult to view in dark settings and rear LCD monitors that are hard to view in bright settings.

THE ENTIRE & A-MOUNT LENS LINEUP

Zoom lenses

Light, compact zoom lenses ranging from super wide-angle to telephoto give you outstanding flexibility for framing and composition and enable fast response by minimizing the need for lens changes.



DT 11-18mm F4.5-5.6 (SAL1118) MRP Rs. 44,990/-



28-75mm F2.8 SAM (SAL2875) MRP Rs. 49,990/-



DT 55-200mm

F4-5.6 SAM

(SAL55200-2)

MRP Rs. 12,990/-

F2.8 SSM (SAL1650) MRP Rs. 44,990/-



75-300mm F4.5-5.6 (SAL75300) MRP Rs. 13,990/-

DT 16-105mm

F3.5-5.6



DT 18-250mm F3.5-5.6 SAM F3.5-6.3 (SAL18250) (SAL1855)



F4.5-5.6

(SAL55300)

MRP Rs. 19,990/-

DT 18-135mm F3.5-5.6 (SAL18135) MRP Rs. 39,990/-

APS-C

DT 50mm

(SAL50F18) MRP Rs. 7,990/-

(SAL135F28) MRP Rs. 84,990/-

MRP Rs. 34,990/-



Fixed focal length lenses

Precision fixed focal length lenses covering every focal length from fisheye to portrait, macro, and telephoto. Fixed focal length lenses offer a consistent, intuitive shooting experience with optimized performance that is often a cut above zoom lenses.



16mm F2.8 Fisheye (SAL16F28) MRP Rs. 54,990/-



APS-C DT 30mm F2.8 Macro SAM (SAL30M28) MRP Rs. 12,990/-



(SAL20F28) MRP Rs. 37,990/-

F2.8 Macro (SAL50M28)



(SAL100M28) MRP Rs. 49,990/-

(SAL50F14) MRP Rs. 15,490/-MRP Rs. 24,990/-



(SAL85F28) MRP Rs. 15,490/-



G Lenses™

G Lenses represent the most elevated standards of optical excellence, making liberal use of top-quality aspherical and ED glass elements.



G

35mm F1.4 G (SAL35F14G) MRP Rs. 99,990/-



70-400mm F4-5.6 G SSM MRP Rs. 1,09,990/-



(SAL300F28G) MRP Rs. 4,99,900/-



F2.8 G (SAL70200G) MRP Rs. 1,29,900/-



F4 G SSM (SAL500F4G) MRP Rs. 7,99,990/-



Carl Zeiss® lenses

Developed jointly by Sony and renowned optical manufacturer Carl Zeiss, Inc., these lenses prove their thoroughbred pedigree in every image.



24mm F2 ZA SSM (SAL24F20Z) MRP Rs. 79,990/-



(SAL85F14Z) MRP Rs. 109,900/-



(SAL135F18Z) MRP Rs. 99,990/-



16-35mm F2.8 ZA SSM 24-70mm F2.8 ZA SSM (SAL2470Z) MRP Rs. 1,09,900/-MRP Rs. 1,19,900/-



Vario-Sonnar T* DT 16-80mm F3.5-4.5 ZA MRP Rs. 49,990/-







Teleconverters

1.4x and 2x teleconverters let you take extra telephoto power into the field without adding much weight or bulk to your kit.



(SAL14TC) MRP Rs. 29,990/-



(SAL20TC) MRP Rs. 29,990/-



MORE WAYS TO EXPAND AND IMPROVE YOUR PHOTOGRAPHY

 α 57

 α 58

 α 65

 α 77

(i) InfoLITHIUM (j)

Battery Charger

BC-VM10

MRP Rs. 3,290/-

■ Charges M-series batteries

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Remote Commander RMT-DSLR2

Wireless remote commander.

MRP Rs. 2,490/-

Compact battery-insertion design is convenient when travelling.



HVL-F58AM MRP Rs. 27,990/-

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Rechageable Battery Pack

NP-FM500H

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Remote Commander

Cable length 5 meter.

Soft Carrying Case

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LCS-SC8

MRP Rs. 2,490/-

RM-L1AM

MRP Rs. 2.790/-Wired remote commander

MRP Rs. 3,990/

GN58 power (105mm ISO100+m) with a new concept quick shift bounce system, wireless ratio control incorporated, wide panel & bounce sheet built-in variable-angle head, auto zoom, wireless support, fast recharge, auto white balance, ADI metering, high-speed sync, a wide diffusion panel, and a Mini Stand for off-camera use.



Our powerful flagship flash unit (GN 60) features an LED light and delivers creative lighting for both still image and movie shooting. It also offers a flexible rotation mechanism for Quick Shift Bounce.



HVL-F20AM MRP Rs. 6,990/-

Cables for high-speed transfer of uncompressed,

high-definition digital video and uncompressed

 α 58 α 65

 α 57 α 77

HDMI Cable

DLC-HEM15

multi-channel digital audio.

 α 77

VG-C77AM

MRP Rs. 17,490/-

MRP Rs. 1.990/-

GN20 Power (50mm, ISO100 · m) with auto white balance, ADI metering, and a bounce switch that lets you bounce light off the celling to assure more even illumination when shooting indoors.

α 77 recordable frames & movies



Number of recordable frames for single media (Memory Stick PRO Duo, Image size L 24M, aspect ratio 3:2)

	2GB	4GB	8GB	16GB	32GB
Standard	335	680	1350	2750	5500
ine	205	410	830	1650	3300
xtra Fine	100	200	405	820	1600
RAW & JPEG	54	105	220	440	880
RAW	74	145	300	600	1200

Movie recording time for single media

(Memory Stick PRO Duo, in hours and minutes, approx.)

		2GB	4GB	8GB	16GB	32GB
AVCHD	60i 24M (FX) (NTSC) 50i 24M (FX) (PAL)	0:10	0:20	0:40	1:30	3:00
AVCHD	60p 28M (PS) (NTSC) 50p 28M (PS) (PAL)	0:09	0:15	0:35	1:15	2:30
AVCHD	24p 24M (FX) (NTSC) 25p 24M (FX) (PAL)	0:10	0:20	0:40	1:30	3:00
MP4	1440×1080 12M	0:20	0:40	1:20	2:45	5:30

- Recommended memory card for movie recording: Memory Stick PRO Duo (Mark2), Memory Stick PRO-HG Duo, SD memorycard/SDHC memory card/SDXC memory card (Class 4 or more)
 The numbers in the table above show the approximate maximum recordable time obtained by totaling all movie files.
 The size of a movie file is limited to approx. 2GB.

lpha65 recordable frames & movies



Number of recordable frames for single media

(Memory Stick PRO Duo, Image size L 24M, aspect ratio 3:2)

	2GB	4GB	8GB	16GB	32GB
Standard	335	680	1350	2750	5500
Fine	205	410	830	1650	3300
RAW & JPEG	54	105	220	440	880
RAW	74	145	300	600	1200

Movie recording time for single media

(Memory Stick PRO Duo, in hours and minutes, approx.)

		2GB	4GB	8GB	16GB	32GB
	(FX) (NTSC) (FX) (PAL)	0:10	0:20	0:40	1:30	3:00
AVCHD 60p 28f (NTSC) 50p 28f	M (PS) M (PS) (PAL)	0:09	0:15	0:35	1:15	2:30
AVCHD 24p 24l (NTSC) 25p 24l	M (FX) M (FX) (PAL)	0:10	0:20	0:40	1:30	3:00
MP4 1440×1	080 12M	0:20	0:40	1:20	2:45	5:30

- Recommended memory card for movie recording: Memory Stick PRO Duo (Mark2), Memory Stick PRO-HG Duo, SD memorycard/ SDHC memory card/SDXC memory card (Class 4 or more)
 The numbers in the table above show the approximate maximum
- recordable time obtained by totaling all movie files • The size of a movie file is limited to approx. 2GB.

α 57 recordable frames & movies



Number of recordable frames for single media mory Stick PRO Duo, Image size L 16M, aspect ratio 3:2)

	_		-		
	2GB	4GB	8GB	16GB	32GB
Standard	410	820	1650	3350	6700
Fine	295	590	1150	2400	4800
RAW & JPEG	80	160	325	650	1300
RAW	110	220	445	890	1750

Movie recording time for single media (Memory Stick PRO Duo, in hours and minutes, approx.)

		2GB	4GB	8GB	16GB	32GB
AVCHD	60i 24M (FX) (NTSC) 50i 24M (FX) (PAL)	0:10	0:22	0:40	1:30	3:00
AVCHD	60p 28M (PS) (NTSC) 50p 28M (PS) (PAL)	0:09	0:15	0:35	1:15	2:30
AVCHD	24p 24M (FX) (NTSC) 25p 24M (FX) (PAL)	0:10	0:20	0:40	1:30	3:00
MP4	1440×1080 12M	0:20	0:40	1:20	2:45	5:30

- Recommended memory card for movie recording: Memory Stick PRO Duo (Mark2). Memory Stick PRO-HG Duo, SD memorycard/ SDHC memory card/SDXC memory card (Class 4 or more)
 The numbers in the table above show the approximate maximum

- recordable time obtained by totaling all movie files. • The size of a movie file is limited to approx. 2GB.

lpha 58 recordable frames & movies



Number of recordable frames for single media (Memory Stick PRO Duo, Image size L 20M, aspect ratio 3:2)

	2GB	4GB	8GB	16GB	32GB	64GB
Standard	385	780	1550	3150	6300	12500
Fine	240	485	980	1950	3900	7800
RAW & JPEG	65	125	260	520	1050	2100
DΔW	80	175	355	720	1/100	2850

Movie recording time for single media (Memory Stick PRO Duo, in hours and minutes, approx.)

AVCHD 60i 24M (FX) / 50i 24M (FX) 0:10 0:20 0:45 1:30 3:00 6:00 AVCHD 60i 17M (FH) / 50i 17M (FH) 0:15 0:30 1:00 2:00 4:05 8:15 AVCHD 24p 24M (FX) / 25p 24M (FX) 0:10 0:20 0:45 1:30 3:00 6:00 AVCHD 24p 24M (FX) / 25p 24M (FX) 0:10 0:20 0:45 1:30 3:00 6:00 AVCHD 24p 17M (FH) / 25n 17M (FH) 0:20 0:20 0:45 1:30 3:00 6:00 AVCHD 24p 17M (FH) / 25n 17M (FH) 0:20 0:20 0:45 1:30 3:00 6:00 AVCHD 24p 17M (FH) / 25n 17M (FH) 0:20 0:20 0:45 1:30 3:00 6:00 AVCHD 24p 17M (FH) / 25n 17M (FH) 0:20 0:20 0:45 1:30 3:00 6:00 AVCHD 24p 17M (FH) / 25n 17M (FH) 0:20 0:20 0:45 1:30 3:00 6:00 AVCHD 24p 17M (FH) 0:25n 17M (

AVCHD	24p 1/M (FH) / 25p 1/M (FH)						
MP4	1440 x 1080 12M	0:20	0:40	1:20	2:45	5:30	11:0
	nmended memory card fo uo (Mark2), Memory Stick						

- SDHC memory card, SDXC memory card (Class 4 or more)

 The numbers in the table above show the approximate maximum recordable time obtained by totaling all movie files.

 The size of a movie file is limited to approx. 2 GB.

 α 77 FA-HS1AM MRP Rs. 1,990/-



Soft Carrying Case

LCS-SC21

MRP Rs. 4,490/-

Carl Zeiss Filters MC Protector VF-55MPAM MRP Rs. 3,250/-

PL FILTER VF-55CPAM MRP Rs. 5,500/-

Back Pack

LCS-BP2

MRP Rs. 5,490/-

ND Filter VF-55NDAM MRP Rs. 4.900/-





Main specifications of α 77

Type Camera type		Interchangeable-lens digital camera with built-in flash
Lens compatibility		illerchungeable-lens aigha camera wiin baili-in nash
Lens compatibility		Sony A-mount lenses, operation with /Konica Minolta lenses confirmed
mage sensor		
Type Number of pixels (effecti	ivo)	APS-C size (23.5 x 15.6 mm), Exmor APS HD CMOS sensor with primary color filters Approx. 24.3 megapixels
Number of pixels (total)	(ve)	Approx. 24.7 megapixels
mage sensor aspect rati	io	3:2
Anti-dust system		Charge protection coating on low-pass filter and Image Sensor-Shift mechanism
Recording system (still in	mage)	JPEG (DCF Ver. 2.0, Exif Ver. 2.3, MPF baseline compliant), RAW (Sony ARW 2.3 format
Recording format		3D MPO (MPF Extended compliant)
-	3:2 aspect ratio 16:9 aspect ratio	L: 6000 x 4000 (24M), M: 4240 x 2832 (12M), S: 3008 x 2000 (6M)
mage size (pixels)	Sweep Panorama	L: 6000 x 3376 (20M), M: 4240 x 2400 (10M), S: 3008 x 1688 (5.1M) Wide: horizontal 12,416 x 1,856 (23M), vertical 5,536 x 2,160 (12M), Standard: horizontal
-	3D Sweep Panorama	8,192 x 1,856 (15M), vertical 3,872 x 2,160 (8.4M) Wide: 7152 x 1080 (7.7M), Standard: 4912 x 1080 (5.3M), 16:9:1920 x 1080 (2.1M)
mage quality modes	3D 3weep runorumu	RAW, RAW & JPEG, JPEG Extra fine, JPEG Fine, JPEG Standard
Picture Effect		11 modes (15 effects): Posterization (Color, B/W), Pop Color, Retro Photo, Partial Colo (R.G.B.Y), High Contrast Monochrome, Toy Camera, Soft High-key, Soft Focus, HDR Paintling Rich-tone Monochrome, Miniature
Creative Style		Standard, Vivid, Neutral, Clear, Deep, Light, Portrait, Landscape, Sunset, Night Scene Autumn leaves, Black & White, Sepia (Contrast (-3 to +3 steps), Saturation (-3 to +3 steps)
		Sharpness (-3 to +3 steps)) Off, Dynamic Range Optimizer: Auto/Level, Auto High Dynamic Range: Off, Auto Exposur
ynamic range function:	S	Difference, Exposure Difference Level (1-6 EV, 1.0 EV step)
Color space	۵۱	sRGB, Adobe RGB
ecording system (movie ecording format	-)	AVCHD 2.0 (Progressive) / MP4
'ideo compression		MPEG-4 AVC (H.264)
udio recording format		Dolby Digital (AC-3) / MPEG-4 AAC-LC
mage size (pixels)	NTSC	AVCHD: 1920 x 1080 (60p/28Mbps/PS, 60i/24Mbps/FX, 60i/17Mbps/FH, 24p/24Mbps FX, 24p/17Mbps/FH)
"NTSC/PAL compatibility —	DAI	MP4: 1440 x 1080 (30fps/12Mbps), VGA: 640 x 480 (30fps/3Mbps) AVCHD: 1920 x 1080 (50p/28Mbps/PS, 50l/24Mbps/FX, 50l/17Mbps/FH, 25p/24Mbps/F) 25p/17Mbps/FH)
	PAL	MP4:1440 x 1080 (25fps/12M), VGA:640 x 480 (25fps/3M)
Media		Memory Stick PRO Duo™, Memory Stick PRO-HG Duo™, SD memory card, SDHC memor
Media		card (UHS-I compliant), SDXC memory card (UHS-I compliant)
Slot		Memory Stick Duo / SD memory card
Noise reduction		Long exposure NR: On/Off, available at shutter speeds longer than 1 sec.
Noise reduction		High ISO NR: High/Normal/Low
Multi frame noise reduct	ion	Auto/ISO100 to 25600
White balance		A. de M.D. Devide had Charles Clause Income descript Charles and Alfrene Address Addre
Modes		Auto WB, Daylight, Shade, Cloudy, Incandescent, Fluorescent (Warm white/Dou white/Daylight), Flash, C. Temp 2500 to 9900K, C Filter G7 to M7, 15-step, Custom, AW micro adjustment
Two-axis fine adjustment	t	Available in all modes <g7 (15="" a7="" b7="" m7="" steps)="" steps),="" to=""></g7>
Bracketing		3 frames, H/L selectable
Focus system		TTL Phase-detection AF
ocus sensor		CCD line sensors
ocus point		19 points (11 points cross type)
Sensitivity range		EV -1 to 18 (at ISO100 equivalent, with F2.8 lens attached)
ocus mode AF mode		Autofocus, Direct Manual Focus, Manual focus Single-shot &F (AF-S), Continuous &F (AF-C), Automatic &F (AF-A), selectable
ocus area		Single-shot AF (AF-S), Continuous AF (AF-C), Automatic AF (AF-A) selectable Wide (auto, 19 points) / Zone / Spot / Local
Other features		Tracking Focus, Predictive control (AF-A, AF-C), Focus lock, Eye-start AF, AF illuminator (buil
Exposure control		in LED type)
Metering type		1200-zone evaluative metering
Metering sensor		Exmor APS HD CMOS sensor
Metering sensitivity		EV-2 to EV17 (at ISO100 equivalent with F1.4 lens attached)
Modes Exposure modes		Multi segment, Spot, Center weighted AUTO, AUTO Advanced (AUTO+). Scene Selection, Sweep Panorama, 3D Sweep Panoram Continuous Advance Priority AE, Movie, Programmed AE (P), Aperture priority (A), Shutte
Scene Selection		speed priority (S), Manual (M) Portrait, Landscape, Macro, Sports Action, Sunset, Night Portrait, Night View, Hand-held Twilight
xposure compensation		±5.0 EV (1/3 EV, 1/2 EV steps selectable)
AE bracketing		Bracket: Cont., Bracket: Single, with 1/3 EV, 1/2 EV, 2/3 EV, 2.0 EV, 3.0 EV increments, 3 of frames (2.0 EV, 3.0 EV: only 3 frames)
AE lock		Available with AE lock button. AE is also locked when focus is locked in multi-segmer metering mode. ISO 100-16000 equivalent (expandable to ISO 50), AUTO (ISO 100-12800 selectable wif
SO sensitivity (Recomm	ended Exposure Index)	upper or lower limit) (expandable to ISO 50), AUTO (ISO 100-12800 selectable wit
/iewfinder		VOL0150 1.0 - 10.5 1 - 1 - 1 - 1 - 1
ype		XGA OLED, 1.3 cm (0.5 type) electronic viewfinder
otal number of dots Brightness control		2,359,296 dots Auto / Manual (3 steps between -1 and +1)
ield coverage		100%
Magnification		Approx. 1.09x (with 50 mm lens at infinity, -1 m ⁻¹)
Diopter adjustment		-4.0 ~ +3.0 m ⁻¹ Approx. 27 mm from the eyepiece lens, 22 mm from the eyepiece frame at -1 diopter (CIP
Eye point Display		standard) Histogram Display, Graphic Display, Digital Level Gauge, Shooting Data Displa

Туре	W. E. T.E. (0.0) YET
	Xtra Fine, 7.5 cm (3.0 type) TFT drive with TruBlack technology
Total number of dots	921,600 dots
Brightness control	Auto/Manual (5 steps between -2 and +2)
Field coverage	100%
	Tilt angle: 150 degrees upward and 180 degrees downward. Rotation angle: 180 degree
Adjustable angle	clockwise and 90 degrees counterclockwise.
Display Selector (finder/LCD)	Auto/Manual
Biopidy colocidi (ilitadi) 200)	Histogram Display, Graphic Display, Digital Level Gauge, Shooting Data Display, Simp
Display	Display, Shooting Information For Viewfinder, Grid Line.
Doel time image adjustment display	
Real-time image adjustment display	Exposure Comp., White Balance, Creative Style
Focus Magnifier	5.9x,11.7x
Peaking MF	Yes (Level: High/Mid/Low/Off, Color: White/Red/Yellow)
Display panel	
	Setting mode indicator LCD
Smart Teleconverter (digital zoom without i	image deterioration)
	Approx.1.4 x / 2x
Shutter	7pp va. 1-1 x / 2 x
	Floring in the sector that we stiged to receive front along the sector.
Туре	Electronically controlled, vertical-traverse, focal-plane type
Shutter speed	1/8000 to 30 sec., Bulb
Flash sync. speed	1/250 sec.
Electronic front curtain shutter	Yes, On/Off
	103, 01(01)
SteadyShot (image stabilization)	
System	For still images: Image Sensor-Shift mechanism, For movies: Electronic
Stoody Chat canability	For still images: Approx. 2.5-4.5 EV decrease in shutter speed (varies according to shooting
SteadyShot capability	conditions and lens used)
Flash	
Type	Auto popup, built-in
71 .	
Guide No.	12 (in meters at ISO 100)
Coverage	FOV coverage up to 16 mm (in the focal length)
Control	ADI flash / Pre-flash TTL / Manual flash
Compensation	±3.0 EV (switchable between 1/3 and 1/2 EV steps)
<u>'</u>	
Bracketing	0.3/0.5/0.7/2.0/3.0 EV steps, 3 or 5 frames (2.0/3.0 EV: only 3 frames) selectable
Modes	Flash off, Autoflash, Fill-flash, Rear sync., Slow Sync., Red-eye reduction (On/Off)
Recycling time	Approx. 3 sec
External flash	Sony $lpha$ System Flash compatible with auto-lock accessory shoe
Wireless control	Yes (wireless flash with lighting ratio control)
Drive	
Drive modes	Single Shot, Continuous (Hi/Lo) Self-timer (10/2 sec. delay selectable), Bracket: Cont., Bracket: Single
Drive modes	White Balance bracket, DRO bracket, Remote Control (with optional RM-DSLR1)
	Hi: Maximum 8 frames per second / Lo: Maximum 3 frames per second
Continuous shooting speed"	Continuous Advance Priority AE: Maximum 12 images per second
	Continuous Advance Priority AE mode: Extra fine: 13 images, Fine: 17 images, Standar
Max continuous shots	17 images, RAW & JPEG: 11 images, RAW: 13 images
wax. commada shois	Continuous shooting ": Extra fine: 13 images, Fine: 18 images, Standard: 18 images, RA
	Continuous shooting ² : Extra fine: 13 images, Fine: 18 images, Standard: 18 images, RA/ & JPEG: 11 images, RAW: 13 images
Playback	& JPEG: 11 images, RAW: 13 images
	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shado
Playback	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shodo warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, S. 6.8x), Au
Playback	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shado warning, 4/9-frame index view. Enlarged display made (L: 13.6 x, M: 9.9 x, 5.6 8s), Au Review (10/52 sec., 0/f), Image arientation (n/Onf) Sideshow, Panorama scolling, Folds
Playback	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shodo warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, S. 6.8x), Au
Playback Modes	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shado warning, 4/9-frame index view. Enlarged display made (L: 13.6 x, M: 9.9 x, 5.6 8s), Au Review (10/52 sec., 0/f), Image arientation (n/Onf) Sideshow, Panorama scolling, Folds
Playback Modes	& JPE6: 11 images, RAW: 13 images Single (with or without shooting information). R68 histogram and highlight/shodowarming. 49-frame index view, Enlarged display mode (L:13.6x, M: 9.9x, 5.6.8x), Au Review (105/2 eec., 0th), image arientation (On/Off) Sideshow, Panarama scrolling, Fold selection (Shill), Forward/Rewind (movie), Delete, Protect
Playback Modes	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shado warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, 5: 6.8x), Au Review (10/52 sec., 0ff), Image crientalion (n/Onf) Sildeshow, Panorama scrolling, Fold selection (Silli), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection
Playback Modes Other features	& JPE6: 11 images, RAW: 13 images Single (with or without shooting information). R68 histogram and highlight/shodowarming. 49-frame index view, Enlarged display mode (L:13.6x, M: 9.9x, 5.6.8x), Au Review (105/2 eec., 0th), image arientation (On/Off) Sideshow, Panarama scrolling, Fold selection (Shill), Forward/Rewind (movie), Delete, Protect
Playback Modes Other features Interface	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shodo warning, 49-47 otne index view, Enlarged display mode (t. 13.6, M. 9.9, x. 5. 8.6), Au Review (105/2 sec., 017), Image acientalion (n/Ort)) Sideowo Panorama scrolling, Fold selection (Sittl), Forward/Rewind (movie), Delete, Protect Foce detection (up to 8 tooss detectable automatically), Foce registration, Foce selection smile shutter (selectable from 3 steps), In-Camera Guide, Custom Function, GPS
Playback Modes Other features Interface PC interface	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shodo warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, 5: 6.8x), Au Review (10/52 sec., 0/1), Image arientation (nO/n0f) Sideshow, Panorama scrolling, Fold selection (Silil), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Camera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP
Playback Modes Other features Interface PC interface	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shodo warning, 49-47 tome index view, Enlarged display mode (£1.3 &, M. 9.9x, \$.6.8x), All Review (105/2 sec. GM), Image arientalion (Dr0M) Sideshow, Panorama scrolling, Fold selection (Sittl), Forward/Rewind (movie), Delete, Protect Foce detection (up to 8 tooss detectable automatically), Foce registration, Foce selection Smile shutter (selectable from 3 steps), In-Camera Guide, Custom Function, GPS
Playback Modes Other features Interface PC interface HD output	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shodo warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, 5: 6.8x), Au Review (10/52 sec., 0/1), Image arientation (nO/n0f) Sideshow, Panorama scrolling, Fold selection (Silil), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Camera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP
Playback Modes Other features Interface PC interface HDD toutput Others	& JPE6: 11 images, RAW: 13 images Single (with or without shooting information), R98 histogram and highlight/shod warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, 5. 6.8x), Au Review (105/2 eec., 07), image arientation (Oryolf) Sideshow, Panorama scrolling, Fold selection (SIIII), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection smile shutter (selectable from 3 steps), In-Comera Guide, Custom Function, GPS Hi-speed US8 (US8 2.0): Mass-storage, MTP HDMI minit connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD
Playback Modes Other features Interface PC interface HDD toutput Others	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shado warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, 5.6.8x), Au Review (10/52 sec. 0/f), Image arientation (nyOnt) Sideshow, Panorama scrolling, Fold selection (Silil), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Camera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HDMI mini connector (Type-C), BRAWA Sync (link menu), PhotoTV HD Sync. Terminal, Auto-lock accessory shoe, Microphone jack, DC IN terminal, Remote terminal
Playback Modes Other features Interface PC interface HD output Others Compatible OS (USB connection)	& JPE6: 11 images, RAW: 13 images Single (with or without shooting information), R98 histogram and highlight/shod warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, 5. 6.8x), Au Review (105/2 eec., 07), image arientation (Oryolf) Sideshow, Panorama scrolling, Fold selection (SIIII), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection smile shutter (selectable from 3 steps), In-Comera Guide, Custom Function, GPS Hi-speed US8 (US8 2.0): Mass-storage, MTP HDMI minit connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD
Playback Modes Other features Interface PC interface HD output Others Compatible OS (USB connection)	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shado warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, 5.6.8x), Au Review (10/52 sec. 0/f), Image arientation (nyOnt) Sideshow, Panorama scrolling, Fold selection (Silil), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Camera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HDMI mini connector (Type-C), BRAWA Sync (link menu), PhotoTV HD Sync. Terminal, Auto-lock accessory shoe, Microphone jack, DC IN terminal, Remote terminal
Playback Modes Other features Interface PC interface HD output Others Compatible OS (USB connection) Audio	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shodo warning, 49-frome index view, Enlarged display mode (L: 13.6x, M: 9.9x, S. 6.8a), Au Review (IDMS-28c., OIP), Image acientalion (IOVID) Sideshow, Panorama scrolling, Fold selection (SIIII), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 taces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Camera Guide, Custam Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HDMI mini connector (Type-C), BRAVIA Sync (link menu), Photo IV HD Sync. Terminal, Auto-tock accessory show, Microphone jack, DC IN terminal, Remote terminal Windows XP ⁻³ SP3, Windows Vista ⁻⁴ SP2, Windows 7 SP1, Mac OS X (10.3-10.6)
Playback Modes Other features Interface PC interface HD output Others Compatible OS (USB connection) Audia Microphone	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shado warning, 4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, 5.6.8x), Au Review (10/52 sec. 0ff), Image ceinentalion (DvOff) Sideshow, Penorama scrolling, Fold selection (Shill), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Camera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HDMI minit connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone jack, DC IN terminal, Remote terminal Windows XP ⁻³ SP3, Windows Vista ⁻⁴ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately)
Playback Modes Other features Interface PC interface HD output Others Compatible OS (USB connection) Audio Microphone Speaker	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shodo warning, 49-frome index view, Enlarged display mode (L: 13.6x, M: 9.9x, S. 6.8a), Au Review (IDMS-28c., OIP), Image acientalion (IOVID) Sideshow, Panorama scrolling, Fold selection (SIIII), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 taces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Camera Guide, Custam Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HDMI mini connector (Type-C), BRAVIA Sync (link menu), Photo IV HD Sync. Terminal, Auto-tock accessory show, Microphone jack, DC IN terminal, Remote terminal Windows XP ⁻³ SP3, Windows Vista ⁻⁴ SP2, Windows 7 SP1, Mac OS X (10.3-10.6)
Playback Modes Other features Interface PC interface HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shodo warning, 49-frome index view, Enlarged display mode (L. 13.6x, Mr. 9.9x, S. 6.8a), Au Review (IUSC/2 sec., Off), image acineholton (DVD) Sideshow, Penorama scrolling, Fold selection (SIIII), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 taces detectable automatically), Face registration, Face selectio smile shutter (selectable from 3 steps), In-Camera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync: Terminal, Auto-tock accessory shoe, Microphone jack, DC IN terminal, Remote terminal Windows XP ⁻³ SP3, Windows Vista ⁻⁴ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Built-in, monaural, volume settings in 8 steps
Playback Modes Other features Interface PC interface HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shodo warning, 4/9-frame index view, Enlarged display mode (L: 1.3.6x, M: 9.9x, 5.6.8x), All Review (10/52 sec. 0ff), Image ceinention (nOrth) Sideshow, Penorama scrolling, Fold selection (SIIII), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Camera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HDMI minit connector (Type-C), BRAWIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Mirosphone jack, DC IN terminal, Remote terminal Windows XP ⁻³ SP3, Windows Vista ⁻⁴ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CGS0 (sold separately)
Playback Modes Other features Interface PC interface HD output Others Comparible OS (USB connection) Audio Microphone Speaker Phint Comparible standards	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shodo warning, 49-frome index view, Enlarged display mode (L: 13.6x, M: 9.9x, 5.6.8x), All Review (IUSC/2 sec., GIV), image acinelation (DVD) Sildeshow Penorama scrolling, Fold selection (SIIII), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 taces delectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Camera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync: Terminal, Auto-tock accessory shoe, Microphone jack, DC IN terminal, Remote terminal Windows XP 3 SP3, Windows Vista 4 SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Built-in, monaural, volume settings in 8 steps
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Playback Modes Other features Interface PC interface HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Custlom function Type Memory Function Power Battery Still images Movies	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shado warning, 49-frome index view, Enlarged display mode (t. 13.6x, Mt. 9.9x, 5. 8.b), Au Review (L016/2 sec., 017), Image crientifolic (DVD) Sideshow Panorama scrolling, Fold selection (Still), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Comera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HDMI mini connector (Type-C), BRANIA Sync (link menu), PhotoTV HD Sync. Terminal, Auto-lock accessory shoe, Microphone jack, DC IN terminal, Remote terminal Windows XP 3 SP3, Windows Vista 4 SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Built-in, monoural, volume settings in 8 steps Exif Print, Print Image Matching III, DPOF setting Custom key settings Yes (3 sets) Rechargeable battlery pack NP-FM500H Approx. 185 min. with viewfinder and 185 min. with LCD monitor (CIPA standard) Approx. 185 min. with viewfinder and 185 min. with LCD monitor
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Playback Modes Other features Interface PC interface HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Custom function Type Memory Function Power Battery Still images Movies External power Weight With battery and Memory Stick PRO Duo	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shado warning, 49-frome index view, Enlarged display mode (t. 13.6x, Mt. 9.9x, 5. 8.b), Au Review (L016/2 sec., 017), Image crientifolic (DVolf) Sideshow Panorama scrolling, Fold selection (Still), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Comera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HDMI mini connector (Type-C), BRANIA Sync (link menu), PhotoTV HD Sync. Terminal, Auto-lock accessory shoe, Microphone jack, DC IN terminal, Remote terminal Windows XP ⁻³ SP3, Windows Vista ⁻⁴ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Built-in, monoural, volume settings in 8 steps Exif Print, Print Image Matching III, DPOF setting Custom key settings Yes (3 sets) Rechargeable battlery pack NP-FM500H Approx. 170 shots with viewfinder and 185 min, with LCD monitor (CIPA standard) Approx. 185 min, with viewfinder and 185 min, with LCD monitor AC Adaptor AC-PW10AM (optional)
Playback Modes Other features Interface PC interface HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Custom function Type Memory Function Power Battery Still images Movies External power Weight With battery and Memory Stick PRO Duo	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shado warning, 49-74me index view, Enlarged disploy mode (L. 13, Mr. 9-9x, 5, 8.6), Au Review (105/2 sec., Cli), Image crientalion (DVOID) Sideshow, Panorama scrolling, Fold selection (Still), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Camera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HIMM minit connector (Type-C), BRAWA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone jack, DC IN terminal, Remote terminal Windows XP ⁻³ SP3, Windows Vista ⁻⁴ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CGSO (sold separately) Built-in, monaural, volume settings in 8 steps Exif Print, Print Image Matching III, DPOF setting Custom key settlings Yes (3 sets) Rechargeable battery pack NP-FM500H Approx. 470 shots with viewfinder and 530 shots with LCD monitor (CIPA standard) Approx. 185 min. with viewfinder and 185 min. with LCD monitor
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Playback Modes Other features Interface PC interface HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Custom function Type Memory Function Power Battery Still images Movies External power Weight With battery and Memory Stick PRO Duo Body only Dimensions W x H x D (excluding protrusions)	& JPEG: 11 images, RAW: 13 images Single (with or without shooting information), RGB histogram and highlight/shado warning, 49-frome index view, Enlarged display mode (t. 13.6x, Mt. 9.9x, 5. 8.b), Au Review (L016/2 sec., 017), Image crientifolic (DVolf) Sideshow Panorama scrolling, Fold selection (Still), Forward/Rewind (movie), Delete, Protect Face detection (up to 8 faces detectable automatically), Face registration, Face selection Smile shutter (selectable from 3 steps), In-Comera Guide, Custom Function, GPS Hi-speed USB (USB 2.0): Mass-storage, MTP HDMI mini connector (Type-C), BRANIA Sync (link menu), PhotoTV HD Sync. Terminal, Auto-lock accessory shoe, Microphone jack, DC IN terminal, Remote terminal Windows XP ⁻³ SP3, Windows Vista ⁻⁴ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Built-in, monoural, volume settings in 8 steps Exif Print, Print Image Matching III, DPOF setting Custom key settings Yes (3 sets) Rechargeable battlery pack NP-FM500H Approx. 170 shots with viewfinder and 185 min, with LCD monitor (CIPA standard) Approx. 185 min, with viewfinder and 185 min, with LCD monitor AC Adaptor AC-PW10AM (optional)
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Specifications and features are based on information available at the time of printing and are subject to change without notice.

*1 Speed may vary depending on shooting conditions and memory card in use.
*2 When drive mode is set to continuous shooting "Hi" mode.
*3 64-bit and Starter Editions are not supported.
*4 Starter Edition is not supported.

System requirements of bundled software

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	Image Data Converter Ver.4		PMB	The computer environment must also satisfy the operating requirements of the OS.
OS*	Microsoft Windows ®	Macintosh	Microsoft Windows ®	* Must be installed with the above OS at
03	Windows® XP** SP3, Windows Vista® SP2, Windows 7 SP1	Mac OS X (10.5, 10.6 Snow Leopard)	Windows® XP** SP3, Windows Vista® SP2, Windows 7 SP1	delivery. Proper operation cannot be
CPU	Pentium 4 or faster	Intel Core Solo, Core Duo, Core 2 Duo or faster	Pentium III 800 MHz or faster (for playing/editing HD movies: Intel Core Duo 1.66 GHz or faster, Intel Core 2 Duo 1.66 GHz or faster, Intel Core 2 Duo 2.26 GHz or faster (HD FX/HD FH), Intel Core 2 Duo 2.40 GHz or faster (HD PS))	guaranteed with an upgraded OS environment. ** 64-bit and Starter Editions are not supported. Windows Image Mastering API (IMAPI) Ver. 2.0 or
Memory	1 GB or more is recommended	1 GB or more is recommended	512 MB or more (for playing/editing HD movies: 1 GB or more)	windows image ividsiening API (liviAPI) vei. 2.0 or

environment.

** 64-bit and Starter Editions are not supported.
Windows Image Mastering API (IMAP) Ver. 2.0 or later is required for disc burning function.

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Exmor Exmer: BIONZ BIGNZ, BRAVIA BRAVIA, SteadyShot, VAIO \\ \(\text{\Q}\), infoLithium \(\text{\Q}\) Memory Stick \\
\text{\Q}\) Memory Stick \\
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PLASTATION is a registered trademark of Sony Computer Entertainment Inc.

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SD Logo, SDHC Logo and SDXC Logo are trademarks of SD3C, LLC.

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Intollithium (\text{\Q}\) is a littlim bottlery pack with electronic equipment bearing the (\text{\Q}\)-mark.

Sony recommends that you use the battery pack with electronic equipment bearing the (\text{\Q}\)-mark.

Screen displays are simulated.
 Simulated effects are used to illustrate some functions.

Main specifications of α 55

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Туре		
Camera type		Interchangeable-lens digital camera with built-in flash
Lens Compatibility		
Lens compatibility		Sony A-mount lenses, operation with Minolta/Konica Minolta lenses confirmed
Image sensor		
Туре		APS-C size (23.5 x 15.6 mm), Exmor APS HD CMOS sensor with primary color filters
Number of pixels (effect	ive)	Approx. 24.3 megapixels
Number of pixels (total)		Approx. 24.7 megapixels
Image sensor aspect rat	ío	3:2
Anti-dust system		Charge protection coating on Low-Pass Filter and Image Sensor-Shift mechanism
Recording system (still in	mage)	
Recording format		JPEG (DCF Ver. 2.0, Exif Ver. 2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format), 3D MPO (MPF Extended compliant)
	3:2 aspect ratio	L: 6000 x 4000 (24M), M: 4240 x 2832 (12M), S: 3008 x 2000 (6M)
	16:9 aspect ratio	L: 6000 x 3376 (20M), M: 4240 x 2400 (10M), S: 3008 x 1688 (5.1M)
Image size (pixels)	Sweep Panorama	Wide: horizontal 12,416 x 1,856 (23M), vertical 5,536 x 2,160 (12M), Standard: horizontal 8,192 x 1,856 (15M), vertical 3,872 x 2,160 (8.4M)
	3D Sweep Panorama	Wide: 7152 x 1080 (7.7M), Standard: 4912 x 1080 (5.3M), 16:9: 1920 x 1080 (2.1M)
Image quality modes		RAW, RAW & JPEG, JPEG Fine, JPEG Standard
Picture Effect		11 modes (15 effects): Posterization (Color, B/W), Pop Color, Retro Photo, Partial Color (R,G,B,Y), High Contrast Monochrome, Toy Camera, Soft High-key, Soft Focus, HDR Painting,
Creative Style		Rich-tone Monochrome, Miniature Standard, Vivid, Portrait, Landscape, Sunset, B,W (Contrast -3 to +3 steps, Saturation -3 to +3
Dynamic range function	9	steps, Sharpness -3 to +3 steps) Off, Dynamic Range Optimizer (Auto/Level), Auto High Dynamic Range: Off, Auto Exposure
		Difference, Exposure Difference Level (1-6 EV, 1.0 EV step)
Color space	2)	sRGB, Adobe RGB
Recording system (movi Recording format	v)	AVCHD 2.0 (Progressive) / MP4
Video compression Audio recording format		MPEG-4 AVC (H.264) Dollar Digital (AC 3) / MDEG 4 AAC LC
Audio recording format		Dolby Digital (AC-3) / MPEG-4 AAC-LC AVCHD: 1920 x 1080 (60p/28Mbps/PS, 60i/24Mbps/FX, 60i/17Mbps/FH, 24p/24Mbps/FX,
Image size (pixels)	NTSC	AVCHD: 1920 X 1080 (OUP/28Mbps/PS, OU/24Mbps/FX, OU/17Mbps/FH, 24p/24Mbps/FX, 24p/17M/bpsFH)
		MP4: 1440 x 1080 (30fps/12Mbps), VGA: 640 x 480 (30fps/3Mbps)
* NTSC/PAL compatibility depends on region	DAI	AVCHD: 1920 x 1080 (50p/28Mbps/PS, 50i/24Mbps/FX, 50i/17Mbps/FH, 25p/24Mbps/FX, 25p/17Mbps/FH)
openus on region	PAL	Z5p/17Mops/H) MP4: 1440 x 1080 (25fps/12Mbps), VGA: 640 x 480 (25fps/3Mbps)
Media		нн ч. 1940 х 1000 (201ps/1211lups), том. 040 х 400 (201ps/311lups)
Media		Memory Stick PRO Duo™, Memory Stick PRO-HG Duo™, SD memory card, SDHC memory
		card (UHS-I compliant), SDXC memory card (UHS-I compliant)
Slot		Memory Stick Duo/ SD memory card
Noise reduction		Lang ourseurs ND, Da IDF quallable at shufts
Noise reduction		Long exposure NR: On/Off, available at shutter speeds longer than 1 sec. High ISO NR: High/Normal/Low
Multi frame noise reduct	ion	Auto/ISO 100 to 25600
White Balance		
Modes		Auto WB, Daylight, Shade, Cloudy, Incandescent, Fluorescent (Warm white/Day white/Daylight), Flash, C. Temp 2500 to 9900K, C Filter G7 to M7, 15-step, Custom, AWB
Two-axis fine adjustmen		micro adjustment Available in all modes <g7 (15="" a7="" b7="" m7="" steps)="" steps),="" to=""></g7>
Bracketing	1	3 frames HA selectable
Focus system		o names, reconstituti
Type		TTL phase-detection AF
Focus sensor		CCD line sensors
Focus point		15 points (3 points cross type)
Sensitivity range		EV -1 to 18 (at ISO100 equivalent with F2.8 lens attached)
Focus mode		Autofocus, Manual Focus
AF mode		Single-shot AF (AF-S), Continuous AF (AF-C), Automatic AF (AF-A) selectable
Focus area		Wide (auto, 15 points), Zone, Spot, Local
Other features		Tracking Focus, Predictive control (AF-A, AF-C), Focus lock, Eye-start AF, AF illuminator (built-in flash type)
Exposure control		
Metering type		1200-zone evaluative metering
Metering sensor		Exmor APS HD CMOS sensor
Metering sensitivity		EV -2 to EV 17 (at ISO 100 equivalent with F1.4 lens attached)
Modes		Multi segment, Center weighted, Spot
Exposure modes		AUTO, Flash Off, AUTO Advanced (AUTO+), Scene Selection, Sweep Panorama, 3D Sweep Panorama, Continuous Advance Priority AE, Movie, Programmed AE (P), Aperture priority (A), Shutter-speed priority (S), Manual (M)
Scene Selection		Portrait, Landscape, Macro, Sports Action, Sunset, Night Portrait, Night View, Hand-held Twilight
Exposure compensation		±3.0 EV (1/3 EV steps)
AE bracketing		Bracket: Cont., Bracket: Single, with 1/3 EV, 2/3 EV increments, 3 frames
AE lock		Available with AE lock button. AE is also locked when focus is locked in multi-segment metering mode.
ISO sensitivity (Recomm	ended Exposure Index)	ISO 100-16000 equivalent, AUTO (ISO 100-1600)
Viewfinder		
		XGA OLED, 1.3 cm (0.5 type) electronic viewfinder
Туре		2,359,296 dots
Total number of dots		4 1 / / 4 1 / 6 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
Total number of dots Brightness control		Auto / Manual (3 steps between -1 and +1)
Total number of dots Brightness control Field coverage		100%
Total number of dots Brightness control Field coverage Magnification		100% Approx. 1.09x (with 50 mm lens at infinity, -1 m ⁻¹)
Total number of dots Brightness control Field coverage		100%
Total number of dots Brightness control Field coverage Magnification Diopter adjustment		100%. Approx. 1.09x (with 50 mm lens at infinity, -1 m³) -4.0 - +3.0 m³ Approx. 27 mm from the eyepiece lens, 22 mm from the eyepiece frame at -1 diopter (CIPA standard) Histogram Display, Graphic Display, Digital Level Gauge, Shooting Data Display,
Total number of dots Brightness control Field coverage Magnification Diopter adjustment Eye point	nent display	100% Approx. 1.09x (with 50 mm lens at infinity1 m ³) -4.0 + 3.0 m ³ Approx. 27 mm from the eyepiece lens, 22 mm from the eyepiece frame at -1 diopter (CIPA standard)

Beightness control AutoMarusu (5 steps between 2 and 42) Felial coverage 100% Aplusable angle Illia range Downward 180 degrees, Robation angle: Lethward 270 degrees from the p which the CLO monitor is long forward. AutoMarusul Bioplay Selector (IndexA.CO) AutoMarusul Feculating and guisarment display Exposure Comp White Balance, Cerative Syle Focus Magnafer 5 x 1.1 T.X Peoclar M.F. Yes (Level: HighMidd.covOR.Color:WhiteRed/Yellow) Simular Approx. 1.4 x / 2x Situter Type Electronically controlled, verifical-troverse, focus-plane type Through Magnafer 1/4000 second Electronic foot of current and type	pe	Xtra Fine, 7.5 cm (3.0 type) TFT drive with TruBlack technology
Field coverage Aljustboble angle Bild organic floward 270 degrees from the probability of the property of the		921,600 dots
Adjustable angle Till angle Downward 180 degrees footion ongle: Leftward 270 degrees from the p which the LCD monitor is local provaed. Bisplory Selector (Index/CD) AutoManual Lisplory Selector (Index/CD) AutoManual Hatbagom bisplor, Graphic Displory, Digital Level Gauge, Shooting Data Displory, Sim Displor, Simplory Displory, Digital Level Gauge, Shooting Data Displory, Sim Displory, Shooting Information For Viewfunder, Grid Line. Exposure Comp. White Biolance, Creative Style Focus Magnifer Special MF Yes (Level: HighMidt.ow/Off. Color: White/Red/Yellow) Smarl Releccovereter (digital zoom without image deterioration) Aprox. 1.4 x / 2x Shutter Shutter Shutter Shutter Type Electronically controlled, vertical-traverse, focal-plane hype Shutter speed 1/400 second to 30 seconds, Bulb Fish syns, speed 1/400 second Electronic front curbin shutter Yes, On/Off Shadis/Shott NSDE (image stobilization) System For still images: Image Sensor-Shift mechanism, For movies: Electronic For still images, Approx. 2.5-4.5 EV decrease in shuffer speed (varies occording to sonditions and fem used) Fisch William Shutter Shutte		
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Disploy Selector (Initide/CDD) Auth/Manual Disploy Selector (Initide/CDD) Auth/Manual Bisploy Corphic Disploy, Displot Level Cauge, Shooting Data Disploy, Sim Disploy, Shooting Information for Viewfunder, Grid Line. Exposure Comp White Bollance, Creative Style Focus Magnifier Yes (servei: High/Mids.cwOft, Color: White/Red/Vellow) Stratal Relectorweiter (digital zoom without image deterioration) Approx. 1.4 x / 2x Shutter Shutter Shutter Bectronically controlled, vertical-traverse, focal-plane type Electronical your cut authin shutter 1/400 second to 30 seconds, Bulb Flosh syns. speed 1/400 second to 30 seconds, Bulb Flosh syns. speed 1/400 second to 30 seconds, Bulb Flosh syns. speed 1/400 second to 30 seconds, Bulb Flosh syns. speed Flore stall images: Image Sensor-Shift mechanism. For movies: Electronic SteadyShot INSDE (image stabilization) System For still images: Approx. 2.5 4.5 EV decrease in shuffer speed (varies occording to a conditions and learn used) Flosh William Steady Shot Inspection For still images: Approx. 2.5 4.5 EV decrease in shuffer speed (varies occording to a conditions and learn used) Flosh William Steady Shot Inspection For still images in the speed (varies occording to a condition and learn used) Flore Flore Authority Pre-Bash Til. Guide No. 10 (in meless of ISO 100) Coverage FOV coverage up to 18 mm (in the focal length) Control AD Illiam Pre-Bash Til. Continuous Shotins (in the speed	ljustable angle	Tilt angle: Downward 180 degrees. Rotation angle: Leftward 270 degrees from the position which the LCD monitor is facing forward.
Disploy, Shooting Information For Weinfunde, Grid Line. Recl-lime image adjustment disploy Focus Magnifier 5 9/2 1.1 7/x Yes (Leart-HighMold.cw/Off, Color: White/Red/Vellow) Smart Teleconverter (digital azoam without image deterioration) Approx. 1.4 x / 2x Shutter Flype Electronically controlled, vertical-traverse, foodi-plane type 1/400 second to 30 seconds, Bulb Flish syns, speed 1/400 second to 30 seconds, Bulb Flosh syns, speed 1/400 second to 30 seconds, Bulb Flosh syns, speed 1/400 second to 30 seconds, Bulb Flosh syns, speed 1/400 second to 30 seconds, Bulb Flosh syns, speed Flor still images, large of Seconds, Bulb Flosh syns, speed For still images singup Sensor-Shift mechanism. For movies: Electronic For still images speps 2, 5.4.5 EV decrease in shuffer speed (varies according to a conditions and lens used) Flosh Type Auto popup, built-in Condens All flosh / Per-Bosh TTL Type Auto popup, built-in Controll ADI flosh / Per-Bosh TTL Controll ADI flosh / Per-Bosh TTL Compensation ### 2.0 EV (1/3 EV steps) Broakeling Mades Flosh off, Autoflosh, Fill-flosh, Rear syns, Slow Sync, Real-eye reduction (On/Off) Recycling time Approx. 3 sec External flosh Sony α System Flosh compatible with Auto-lock accessory shoe Wise (sec action) Wiseless scortiol Were (without schooling), Flore 18 Images, Standard: 18 images, BAW & JPEG: 11 Images, Proceed of Continuous Advance Priority & Moment of Continuous Shotloring "Fire: 18 images, Standard: 18 images, BAW & JPEG: 11 im	splay Selector (finder/LCD)	
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Focus Magnifier Positing MF Ves (Level: High/Midd tow/Off, Color: White/Red/Vellow) Simular Teleconventer (digital zoom without image deterioration) Approx. 1.4 x / 2x Shutter Fige Electronically controlled, vertical-traverse, focal-plane type Shutter speed 1/4000 second to 30 seconds, Bulb Fishs yers, speed 1/4000 second to 30 seconds, Bulb Fishs yers, speed 1/4000 second to 30 seconds, Bulb Fishs yers, speed Fish shuffer (mage stabilization) System For still images: Mapprox. 2.5-4.5 EV decrease in shutter speed (varies according to sconditions and lens used) Conditions and lens used) For still images: Mapprox. 2.5-4.5 EV decrease in shutter speed (varies according to sconditions and lens used) Condition and Interest of ISO 100) Fiscal Wellow No. 10 (in mets and ISO 100) Coverage FOV coverage in 18 mm (in the focal length) Control ADI fish / Pre-fish TIT. Compensation 4.2 EV V (1/3 EV steps) Brockeling 1/3 EV 2.2 EV steps (1/4 EV steps) Brockeling 1/3 EV 2.2 EV steps (1/4 EV steps) Brockeling 1/3 EV 2.2 EV steps (1/4 EV steps) Brockeling 1/3 EV 2.2 EV steps (1/4 EV steps) Brockeling 1/3 EV 2.2 EV steps (1/4 EV steps) Brockeling 1/4 EV steps (1/4 EV steps) Brockeling 1/	al-time image adjustment display	
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Fige Electronically controlled, vertical-traverse, focol-plane type Flash sync, speed 1/4000 second to 30 seconds, Builb Flash sync, speed 1/100 second Flesh sync, speed 1/100 second Flesh sync, speed 1/100 second Flesh Singer, Short NDE (image stabilization) System For still images: image Sensor-Shift mechanism, For movies: Electronic For still images, Approx, 2.5-4.5 EV docrease in shutter speed (varies occording to a conflictions and lens user) Flesh Slead (Short capability Auto popup, built-in Guide No. 10 (in meters of ISO 100) Coverage FOV coverage to 18 Bm (in the focal length) Control ADI Itsash / Pre-flash TIL Compensation #2.0 EV (1/3 EV steps) Bracketing 1/3 EV,23 EV steps, 3 frames Modes Flash off, Autoflash, Fill-flash, Rear sync, Slow Sync, Red-eye reduction (On/Off) Recycling time Aprix, 3 sec External flash Sony & System Flash campatible with Auto-lock accessory shoe Wireless control We (wireless flash with lighting ratio control) Drive Drive modes Single Short Continuous (Hi/LO), Self-timer (1/02 sec. delay), Bracketing (Cont., Sing Balance), Remove Control (with optional Mark-Sur) Hi-Maximum 8 frames per second. (Lo: Maximum 3 frames per second Continuous shooting speed "1 Continuous Advance Priority AE: Maximum 10 images per second Continuous Advance Priority AE: Maximum 10 images per second Continuous Advance Priority AE: Maximum 10 images per second Continuous Advance Priority AE: Maximum 10 images per second Continuous Advance Priority AE: Maximum 10 images per second Continuous Advance Priority AE: Maximum 10 images per second Continuous Advance Priority AE: Maximum 10 images, RAW & JPEC-11 images,		
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With battery and Memory Stick PRO Duo Approx. 622 g (1 lb 5.9 oz)		AC Adaptor AC-PW1 OAM (optional)
Body only Approx. 543 g (1 lb 3.1 oz)		
		Approx. 543 g (1 lb 3.1 oz)
Dimensions		
(W x H x D) (excluding protrusions) Approx. 132.1 x 97.5 x 80.7 mm (5 1/4 x 3 7/8 x 3 1/4 in.)		Approx. 132.1 x 97.5 x 80.7 mm (5 1/4 x 3 7/8 x 3 1/4 in.)
Body material		
Body material High-grade plastic exterior	ody material	High-grade plastic exterior

Specifications and features are based on information available at the time of printing and are subject to change without notice.

0°C to 40°C (32°F to 104°F)

*1 Speed may vary depending on shooting conditions and memory card in use.
*2 When drive mode is set to continuous shooting "Hi" mode.
*3 64-bit and Straft Editions are not supported.
*4 Starter Edition is not supported.



Recycled plastic (recycled material rate: 10%) is used in the chassis.

System requirements of bundled software

o y sicili	ysion requirements of burialed software					
	Image Data Converter Ver.4		PMB	The computer environment must also satisfy the operating requirements of the OS.		
OS*	Microsoft Windows ®	Macintosh	Microsoft Windows ®	* Must be installed with the above OS at		
	Windows® XP** SP3, Windows Vista® SP2, Windows 7 SP1	Mac OS X (10.5, 10.6 Snow Leopard)	Windows® XP** SP3, Windows Vista® SP2, Windows 7 SP1	delivery. Proper operation cannot be		
CPU	Pentium 4 or faster	Intel Core Solo, Core Duo, Core 2 Duo or faster	Pentium III 800 MHz or faster (for playing/editing HD movies:Intel Core Duo 1.66 GHz or faster, Intel Core 2 Duo 1.66 GHz or faster, Intel Core 2 Duo 2.40 GHz or faster (HD FX/HD FH), Intel Core 2 Duo 2.40 GHz or faster (HD PS))	guaranteed with an upgraded OS environment. ** 64-bit and Starter Editions are not supported. Windows Image Mastering API (IMAPI) Ver. 2.0 or		
Memory	1 GB or more is recommended	1 GB or more is recommended	512 MB or more (for playing/editing HD movies: 1 GB or more)	later is required for disc burning function		

Trademarks & Remarks

Truefinder

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* Intollithing Interface Interface Avenue Avenue Sony Interface Sony Report Sony Report Sony Interface Sony Report Son

Screen displays are simulated.
 Simulated effects are used to illustrate some functions.

Main enecifications of α 57

Main speci	fications of	α57
Туре		
Camera type		Interchangeable-lens digital camera with built-in flash
Lens compatibility		
Lens compatibility		Sony A-mount lenses, operation with Minolta/Konica Minolta lenses confirmed
Image sensor		
Туре		APS-C size (23.5 x 15.6 mm), Exmor APS HD CMOS sensor with primary color filters
Number of pixels (effecti	ve)	Approx. 16.1 megapixels
Number of pixels (total)	in.	Approx. 16.7 megapixels 3:2
Image sensor aspect rati Anti-dust system		Charge protection coating on Low-Pass Filter and Image Sensor-Shift mechanism
Recording system (still in	mage)	Charge processor country on test have the and image contact chill mountained.
Recording format	• /	JPEG (DCF Ver. 2.0, Exif Ver. 2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format), 3D MPO
Recording formal		(MPF Extended compliant)
	3:2 aspect ratio	L: 4912 x 3264 (16M), M: 3568 x 2368 (8.4M), S: 2448 x 1624 (4.0M)
Image size (pixels)	16:9 aspect ratio	L: 4912 x 2760 (14M), M: 3568 x 2000 (7.1M), S:2448 x 1376 (3.4M) Wide: horizontal 12,416 x 1,856 (23M), vertical 5,536 x 2,160 (12M), Standard: horizontal
	Sweep Panorama	8,192 x 1,856 (15M), vertical 3,872 x 2,160 (8.4M)
	3D Sweep Panorama	Wide: 7152 x 1080 (7.7M), Standard: 4912 x 1080 (5.3M), 16:9: 1920 x 1080 (2.1M)
Image quality modes		RAW, RAW & JPEG, JPEG Fine, JPEG Standard
Picture Effect		11 modes (15 effects): Posterization (Color, BAW), Pop Color, Retro Photo, Partial Color (R,G,B,Y), High Contrast Monochrome, Toy Camero, Soft High-key, Soft Facus, HDR Painting, Rich-tone Monochrome, Miniature
Creative Style		Standard, Vivid, Portrait, Landscape, Sunset, B/W (Contrast -3 to +3 steps, Saturation -3 to +3 steps, Sharpness -3 to +3 steps)
Dynamic range functions	3	Off, Dynamic Range Optimizer (Auto/Level), Auto High Dynamic Range: Off, Auto Exposure Difference, Exposure Difference Level (1-6 EV, 1.0 EV step)
Color space		sRGB, Adobe RGB
Recording system (movie	9)	N/OUD CO (Proceeding) (MDA
Recording format		AVCHD 2.0 (Progressive) / MP4 MPEG-4 AVC (H.264)
Video compression Audio recording format		Dolby Digital (AC-3) / MPEG-4 AAC-LC
Addio recording formal		AVCHD: 1920 x 1080 (60p/28Mbps/PS, 60i/24Mbps/FX, 60i/17Mbps/FH, 24p/24Mbps/FX,
Image size (pixels)	NTSC	24p/17M/bpsFH)
		MP4: 1440 x 1080 (30fps/12Mbps), VGA: 640 x 480 (30fps/3Mbps)
* NTSC/PAL compatibility depends on region	PAI	AVCHD: 1920 x 1080 (50p/28Mbps/PS, 50i/24Mbps/FX, 50i/17Mbps/FH, 25p/24Mbps/FX, 25p/17Mbps/FH)
	PAL	MP4: 1440 x 1080 (25fps/12Mbps), VGA: 640 x 480 (25fps/3Mbps)
Media		(
Media		Memory Stick PRO Duo™, Memory Stick PRO-HG Duo™, SD memory card, SDHC memory card,
		SDXC memory card
Noise reduction		Memory Stick Duo/ SD memory card
Noise reduction		Long exposure NR: On/Off, available at shutter speeds longer than 1 sec.
Multi frame noise reducti	ion	High ISO NR: High/Normal/Low Auto/ISO 100 to 25600
White balance	1011	Nation 100 to 20000
Modes		Auto WB, Daylight, Shade, Cloudy, Incandescent, Fluorescent (Warm white/Cool white/Day white/Daylight), Flash, C.Temp 2500 to 9900K, C Filter G7 to M7, 15-step, Custom, AWB micro adjustment.
Two-axis fine adjustment		Available in all modes <g7 (15="" a7="" b7="" m7="" steps)="" steps),="" to=""></g7>
Bracketing		3 frames, H/L selectable
Focus system		
Туре		TTL phase-detection AF
Focus sensor		CCD line sensors
Focus point		15 points (3 points cross type)
Sensitivity range Focus mode		EV -1 to 18 (at ISO100 equivalent with F2.8 lens attached) Autofocus, Manual Focus
AF mode		Single-shot AF (AF-S), Continuous AF (AF-C), Automatic AF (AF-A) selectable
Focus area		Wide (auto, 15 points), Zone, Spot, Local
Other features		Tracking Focus, Predictive control (AF-A,AF-C), Focus lock, Eye-start AF, AF illuminator (built-in
Exposure control		flash type)
Metering type		1200-zone evaluative metering
Metering sensor		Exmor APS HD CMOS sensor
Metering sensitivity		EV -2 to EV 17 (at ISO 100 equivalent with F1.4 lens attached)
Modes		Multi segment, Center weighted, Spot
Exposure modes		iAUTO, Flash Off, Superior Auto, Scene Selection, Sweep Panorama, 3D Sweep Panorama, Continuous Advance Priority AE, Movie, Programmed AE (P), Aperture priority (A), Shutter-speed priority (S), Manual (AD)
Scene Selection		priority (S), Manual (M) Portrait, Landscape, Macro, Sports Action, Sunset, Night Portrait, Night View, Hand-held Twilight
Exposure compensation		±3.0 EV (1/3 EV steps)
AE bracketing		Bracket: Cont., Bracket: Single, with 1/3 EV, 2/3 EV increments, 3 frames
AE lock		Available with AE lock button. AE is also locked when focus is locked in multi-segment metering mode.
ISO sensitivity (Recomme	ended Exposure Index)	ISO 100-16000 equivalent, AUTO (ISO 100-3200)
Viewfinder		C1/CA 1.2 am /0.44 tuna) alastronia visusfinday (1) VIIEl
Type Total number of dots		SVGA 1.2 cm (0.46 type) electronic viewfinder (color), Xtra Fine 1,440,000 dots equivalent
Effective number of dots		Maximum: 1,440,000 dots equivalent, Standard: 1,253,280 dots equivalent
Brightness control		Auto / Manual (3 steps between -1 and +1)
Field coverage		100%
Magnification *1		Maximum: Approx. 1.04x, Standard: Approx. 0.97x
Diopter adjustment		-4.0 ~ +3.0 m ⁻¹
Eye point		Maximum: 23.1mm from the eyepiece, 18 mm from the eyepiece frame at -1 diopter (CIPA standard) Standard: 25.2 mm from the eyepiece, 20.1 mm from the eyepiece frame at -1 diopter (CIPA standard)
		Histogram Display, Graphic Display, Digital Level Gauge, Shooting Data Display, SimpleDisplay,
Display		Grid Line,

Туре	Xtra Fine, 7.5 cm (3.0 type) TFT drive with TruBlack technology
Total number of dots	921,600 dots
Brightness control	Auto/Manual (5 steps between -2 and +2)
Field coverage	100%
	Tilt angle: Downward 180 degrees. Rotation angle: Leftward 270 degrees from the position in
Adjustable angle	which the LCD monitor is facing forward.
Display Selector (finder/LCD)	Auto/Manual
	Histogram Display, Graphic Display, Digital Level Gauge, Shooting Data Display, Simple Display
Display	Shooting Information For Viewfinder, Grid Line.
Real-time image adjustment display	Exposure Comp, White Balance, Creative Style
Focus Magnifier	4.8x, 9.5x
Peaking MF	Yes (Level: High/Mid/Low/Off, Color: White/Red/Yellow)
Zoom	
	Clear Image Zoom: Still images 2x
	Smart Zoom (still images) M: 1.4x, S: 2x
	Digital Zoom (still images) 4x
	Digital Zoom (movie) 4x
Shutter	
Туре	Electronically controlled, vertical-traverse, focal-plane type
Shutter speed	1/4000 second to 30 seconds, Bulb
Flash sync. speed	1/160 second
Electronic front curtain shutter	Yes, On/Off
SteadyShot INSIDE (image stabilization)	
System	For still images: Image Sensor-Shift mechanism, For movies: Electronic
-7	For still images: Approx. 2.5-4.5 EV decrease in shutter speed (varies according to shooting
SteadyShot capability	conditions and lens used)
Flash	
Туре	Auto popup, built-in
Guide No.	10 (in meters at ISO 100)
Coverage	
	FOV coverage up to 18 mm (in the focal length)
Control	ADI flash / Pre-flash TTL
Compensation	±2.0 EV (1/3 EV steps)
Bracketing	1/3 EV, 2/3 EV steps, 3 frames
Modes	Flash off, Autoflash, Fill-flash, Rear sync., Slow Sync., Red-eye reduction (On/Off)
Recycling time	Approx. 3 sec
External flash	Sony & System Flash compatible with Auto-lock accessory shoe
Wireless control	Yes (wireless flash with lighting ratio control)
Drive	
	Single Shot, Continuous (Hi/Lo), Self-timer (10/2 sec. delay), Bracketing (Cont., Single, White
Drive modes	Balance), Remote Control (with optional RM-DSLR1)
	Hi: Maximum 8 frames per second, Lo: Maximum 3 frames per second
Continuous shooting speed *2	Tele-zoom Continuous Advance Priority AE: Maximum 12 images per second
• • • • • • • • • • • • • • • • • • • •	Continuous Advance Priority AE: Maximum 10 images per second
	Tele-zoom Continuous Advance priority AE: Fine: 23 images, Standard: 25
Max. continuous shots *2	Continuous Advance Priority AE mode: Fine: 23 images, Standard: 27 images, RAW & JPEG: 18 images, RAW: 21 images
	Continuous shooting "3: Fine: 25 images, Standard: 29 images, RAW & JPEG: 19 images, RAW
	21 images
Playback	•
,	Single (with or without shooting information), RGB histogram and highlight/shadow warning,
Mada	4/9-frame index view, Enlarged display mode (L: 13.6x, M: 9.9x, S: 6.8x), Auto Review (10/5/2
Modes	sec, Off), Image orientation (On/Off), Slideshow, Panorama scrolling, Folder selection (still),
	Forward/Rewind (movie), Delete, Protect
Other features	
	Auto Portrait Framing, Face Detection (up to 8 faces detectable automatically), Face Registration
	Face Selection, Smile Shutter (selectable from 3 steps), In-Camera Guide, Custom Function
Interface	
PC interface	Hi-speed USB (USB 2.0): Mass-storage, MTP
PC interface HD output	HI-speed USB (USB 2.U): Mass-storage, MTP HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD
HD output Others	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD
HD output	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync, Terminal, Auto-lock accessory shoe, Microphone jack, DC IN terminal, Remote terminal
HD output Others Compatible OS (USB connection)	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD
HD output Others Compatible OS (USB connection) Audio	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone jock, DC IN terminal, Remote terminal Windows XP '4' SP3, Windows Vista '4' SP2, Windows 7 SP1, Mac OS X (10.3-10.6)
HD output Others Compatible OS (USB connection) Audio Microphone	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone jack, DC IN terminal, Remote terminal Windows XP st SP3, Windows Visto st SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately)
HD output Others Compatible OS (USB connection) Audio Microphone Speaker	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone jock, DC IN terminal, Remote terminal Windows XP '4' SP3, Windows Vista '4' SP2, Windows 7 SP1, Mac OS X (10.3-10.6)
HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone Jack, DC IN terminal, Remote terminal Windows XP ¹⁴ SP3, Windows Vista ¹⁵ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Built-in, monoural, volume settings in 8 steps
HD output Others Compatible OS (USB connection) Audio Microphone Speaker	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone jack, DC IN terminal, Remote terminal Windows XP st SP3, Windows Visto st SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately)
HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone Jack, DC IN terminal, Remote terminal Windows XP ¹⁴ SP3, Windows Vista ¹⁵ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Built-in, monoural, volume settings in 8 steps
HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone Jack, DC IN terminal, Remote terminal Windows XP ¹⁴ SP3, Windows Vista ¹⁵ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Built-in, monoural, volume settings in 8 steps
HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Quastern function Type	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone jook, DC IN terminal, Remote terminal Windows XIP ⁵⁴ SP3, Windows Vista ⁵⁵ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Buill-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Built-in, monaural, volume settings in 8 steps Exif Print, Print Image Matching III, DPOF setting
HD output Others Compatible OS (USB connection) Audio Microphone Specter Print Compatible standards Custom function Type Power	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync. Terminal, Auto-lock accessory shoe, Microphone pock, DC IN terminal, Remote terminal Windows XP ¹⁴ SP3, Windows Vista ¹⁵ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-C650 (sold separately) Built-in, monoural, volume settings in 8 steps Exit Print, Print Image Matching III, DPOF setting Custom key settings
HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Custom function Type Power Bottery Bottery Bottery Bottery	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auth-lock accessory shoe, Microphone jook, DC IN terminal, Remote terminal Windows XIP 's SP3, Windows Vista 's SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Buill-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Buill-in, monaural, volume settings in 8 steps Exif Print, Print Image Matching III, DPOF setting Custom key settings Rechargeable battery pack NP-FM500H
HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Custom function Type Power Bottery Still images	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lack accessory shoe, Microphone jack, DC IN terminal, Remote terminal Windows XP ^{st.} SP3, Windows Vista ^{st.} SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-C650 (sold separately) Built-in, monoural, volume settings in 8 steps Exit Print, Print Image Matching III, DPOF setting Custom key settings Rechargeable battery pack NP-FM500H Apprax. 550 shots with viewfinder and 590 shots with LCD monitor (CIPA standard)
HD output Others Compatible OS (USB connection) Audio Microphone Specter Print Compatible standards Custom function Type Power Bottery Still mages Movies	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync. Terminal, Auto-lock accessory shoe, Microphone pock, DC IN terminal, Remote terminal Windows XP ⁵⁴ SP3, Windows Vista ⁵⁵ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Buill-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Buill-in, monaural, volume settings in 8 steps Exif Print, Print Image Matching III, DPOF setting Custom key settings Rechargeable battery pack NP-FM500H Approx. 550 shots with viewfinder and 590 shots with LCD monitor (CIPA standard) Approx. 180 min. with viewfinder and 180 min. with LCD monitor
HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Custom function Type Power Bottery Still images Movies External power	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone jock, DC IN terminal, Remote terminal Windows XP ^{st.} SP3, Windows Vista ^{st.} SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-C650 (sold separately) Built-in, monoural, volume settings in 8 steps Exit Print, Print Image Matching III, DPOF setting Custom key settings Rechargeable battery pack NP-FM500H Approx. 550 shots with viewfinder and 590 shots with LCD monitor (CIPA standard)
HD output Others Compatible OS (USB connection) Audio Microphone Specter Print Compatible standards Custom function Type Power Bottery Still mages Movies	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync. Terminal, Auto-lock accessory shoe, Microphone pock, DC IN terminal, Remote terminal Windows XP ⁵⁴ SP3, Windows Vista ⁵⁵ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Buill-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Buill-in, monaural, volume settings in 8 steps Exif Print, Print Image Matching III, DPOF setting Custom key settings Rechargeable battery pack NP-FM500H Approx. 550 shots with viewfinder and 590 shots with LCD monitor (CIPA standard) Approx. 180 min. with viewfinder and 180 min. with LCD monitor
HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Custom function Type Power Bottery Still images Movies External power Weight	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync. Terminal, Auto-lock accessory shoe, Microphone pock, DC IN terminal, Remote terminal Windows XP ⁵⁴ SP3, Windows Vista ⁵⁵ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Buill-in stereo microphone or ECM-ALST1 / ECM-CG50 (sold separately) Buill-in, monaural, volume settings in 8 steps Exif Print, Print Image Matching III, DPOF setting Custom key settings Rechargeable battery pack NP-FM500H Approx. 550 shots with viewfinder and 590 shots with LCD monitor (CIPA standard) Approx. 180 min. with viewfinder and 180 min. with LCD monitor
HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Custom function Type Power Bottery Still images Movies External power	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync Terminal, Auto-lock accessory shoe, Microphone jack, DC IN terminal, Remote terminal Windows XP st SP3, Windows Vista st SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Built-in stereo microphone or ECM-ALST1 / ECM-GS50 (sold separately) Built-in, monounal, volume settings in 8 steps Exif Print, Print Image Matching III, DPOF setting Custom key settings Rechargeable battery pack NP-FMS00H Apprax, 180 min. with viewfinder and 590 shots with LCD monitor (CIPA standard) Apprax, 180 min. with viewfinder and 180 min. with LCD monitor AC Adaptor AC-PW10AM (optional)
HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Custom function Type Power Bottery Still images Movies External power Weight With battery and Memory Slick PRO Duo Body only	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync. Terminal, Auth-lock accessory shoe, Microphone pack, DC IN terminal, Remote terminal Windows XP ⁵⁴ SP3, Windows Vista ⁵⁵ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Buill-in stereo microphone or ECM-ALST1 / ECM-CGS0 (sold separately) Buill-in, monaural, volume settings in 8 steps Exif Print, Print Image Matching III, DPDF setting Custom key settings Rechargeable battlery pack NP-FM500H Approx, 550 shots with viewfinder and 590 shots with LCD monitor (CIPA standard) Approx, 180 min. with viewfinder and 150 min. with LCD monitor AC Adaptor AC-PW10AM (optional) Approx, 618 g (1 tb 5.7 oz)
HD output Others Compatible OS (USB connection) Audio Microphone Speaker Print Compatible standards Quistom function Type Power Bottlery Still mages Movies External power Weight With battery and Memory Stick PRO Duo	HDMI mini connector (Type-C), BRAVIA Sync (link menu), PhotoTV HD Sync. Terminal, Auth-lock accessory shoe, Microphone pack, DC IN terminal, Remote terminal Windows XP ⁵⁴ SP3, Windows Vista ⁵⁵ SP2, Windows 7 SP1, Mac OS X (10.3-10.6) Buill-in stereo microphone or ECM-ALST1 / ECM-CGS0 (sold separately) Buill-in, monaural, volume settings in 8 steps Exif Print, Print Image Matching III, DPDF setting Custom key settings Rechargeable battlery pack NP-FM500H Approx, 550 shots with viewfinder and 590 shots with LCD monitor (CIPA standard) Approx, 180 min. with viewfinder and 150 min. with LCD monitor AC Adaptor AC-PW10AM (optional) Approx, 618 g (1 tb 5.7 oz)

Specifications and features are based on information available at the time of printing and are subject to change without notice.

High-grade plastic exterior 0°C to 40°C (32°F to 104°F)

*1 With 50 mm lens at infinity, -1 m⁻¹.

1 with so thin ens at intinity. I in 2 Speed may vary depending on shooting conditions and memory card in use.
23 When drive mode is set to continuous shooting "Hi" mode.
44 64-bit and Starter Editions are not supported.
5 Starter Edition is not supported.

System requirements of bundled software

is used in the chassis.

Recycled plastic (recycled material rate: 10%)

	Image Data Converter Ver.4		PMB		
OS*	Microsoft Windows ®	Macintosh	Microsoft Windows ®		
03	Windows® XP** SP3, Windows Vista® SP2, Windows 7 SP1	Mac OS X (10.5, 10.6 Snow Leopard)	Windows® XP** SP3, Windows Vista® SP2, Windows 7 SP1		
CPU	Pentium 4 or faster	Intel Core Solo, Core Duo, Core 2 Duo or faster	Pentium III 800 MHz or faster (for playing/editing HD movies: Intel Core Duo 1.66 GHz or faster, Intel Core 2 Duo 1.66 GHz or faster, Intel Core 2 Duo 2.26 GHz or faster (HD FX/HD FH), Intel Core 2 Duo 2.40 GHz or faster (HD PS))		
Memory	1 GB or more is recommended	1 GB or more is recommended	512 MB or more (for playing/editing HD movies: 1 GB or more)		

guaranteed with an upgraded OS environment.
*** 64-bit and Starter Editions are not supported. Windows Image Mastering API (IMAPI) Ver. 2.0 or

The computer environment must also satisfy the operating requirements of the OS.

* Must be installed with the above OS at

delivery. Proper operation cannot be

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 Exmor €xmer, BIONZ BIGNZ, BRAYIA BRAYIA, SteadyShot, VAIO \ 10, InfoLithium (I) manning (I) Memory Stick | M

Screen displays are simulated. Simulated effects are used to illustrate some functions.

Гуре			
Camera type		Interchangeable-lens digital camera with built-in flash	
Lens compatibility Lens compatibility		Sony A-mount lenses, operation with Minolta/Konica Minolta lenses confirmed	
lmage sensor			
Type Number of pixels (effective	uo)	APS-C size (23.2 x 15.4 mm), Exmor APS HD CMOS sensor with primary color filters Approx. 20.1 megapixels	
Number of pixels (total)	ve)	Approx. 20.1 megapixels Approx. 20.4 megapixels	
lmage sensor aspect rati	0	3:2	
Anti-dust system Recording system (still in	nane)	Charge protection coating on image sensor and Image Sensor-Shift mechanism	
Recording format	nuge)	JPEG (DCF Ver. 2.0, Exif Ver. 2.3, MPF Baseline compliant), RAW (Sony ARW 2.3 format)	
	3:2 aspect ratio	L: 5456 x 3632 (20M), M: 3872 x 2576 (10M), S: 2736 x 1824 (5M)	
Image size (pixels)	16:9 aspect ratio	L: 5456 x 3064 (17M), M: 3872 x 2176 (8.4M), S: 2736 x 1536 (4.2M) Wide: horizontal 12,416 x 1,856 (23M), vertical 5,536 x 2,160 (12M), Standard: horizontal	
	Sweep Panorama	8, 192 x 1,856 (15M), vertical 3,872 x 2,160 (8.4M)	
mage quality modes		RAW, RAW & JPEG, JPEG Fine, JPEG Standard 11 modes (15 effects): Posterization (Color, B/W), Pop Color, Retro Photo, Partial Color (R,G,B,)	
ricture Effect		High Contrast Monochrome, Toy Camèra, Soft High-kéy, Soft Focus, HDR Painting, Rich-tone Monochrome, Miniature	
creative Style		Standard, Vivid, Portrait, Landscape, Sunset, B/W (Contrast -3 to +3 steps, Saturation -3 to +3 steps, Sharpness -3 to +3 steps)	
Dynamic range functions		Off, Dynamic Range Optimizer (Auto/Level (1-5)), Auto High Dynamic Range, Auto Exposure	
olor space		Difference, Exposure Difference Level (1-6 EV, 1.0 EV step) sRGB standard (with sYCC gamut) and Adobe RGB standard compatible with TRILUMINOSTM Col	
ecording system (movie	e)	State	
ecording format		AVCHD Ver. 2.0 compliant / MP4	
rideo compression udio recording format		MPEG-4 AVC (H.264) Dolby Digital (AC-3) / MPEG-4 AAC-LC, 2ch	
a second	1080 60i compatible device	AVCHD: 1920 x 1080 (60i/30 fps/24 Mbps/FX, 60i/30 fps/17 Mbps/FH, 24p/24 Mbps/FX, 24p/1 Mbps/FH)	
mage size (pixels)		MP4: 1440 x 1080 (30 fps/12 Mbps), 640 x 480 (30 fps/3 Mbps) AVCHD: 1920 x 1080 (50i/25 fps/24 Mbps/FX, 50i/25 fps/17 Mbps/FH, 25p/24 Mbps/FX, 25p/1	
	1080 50i compatible device	Mbps/FH) MP4: 1440 x 1080 (25 fps/12 Mbps), 640 x 480 (25 fps/3 Mbps)	
olor space		xxVCC standard (x.v.Color™ when connected via HDMI cable) compatible with TRILUMINOS™ Col	
ledia ledia		Memory Stick PRO Duo, Memory Stick PRO-HG Duo, Memory Stick XC-HG Duo, SD memory car	
ledia let		SDHC memory card, SDXC memory card	
lot loise reduction		Multi slot for Memory Stick Duo/SD memory card	
loise reduction		Long exposure NR: On/Off, available at shutter speeds longer than 1 sec.	
	ion	High ISO NR: High/Normal/Low selectable	
fulti frame noise reducti Vhite balance	un .	Auto/ISO 100 to 25600	
lodes		Auto WB, Daylight, Shade, Cloudy, Incandescent, Fluorescent (Warm white/Cool white/Day white/Daylight), Flash, C. Temp 2500 to 9900K, C Filter G7 to M7, 15-step, Custom, AWB micro	
WB micro adjustment		adjustment Available in all modes <g7 (15="" a7="" b7="" m7="" steps)="" steps),="" to=""></g7>	
Bracketing		3 frames, H/L selectable	
ocus system		TTL phase-detection AF	
ype ocus sensor		TIL phose-detection AF CCD line sensors	
ocus point		15 points (3 points cross type)	
ensitivity range ocus mode		EV -1 to 18 (at ISO 100 equivalent with F2.8 lens attached) Autofocus, Manual Focus selectable	
AF mode		Single-shot AF (AF-S), Continuous AF (AF-C), Automatic AF (AF-A) selectable	
ocus area		Wide (auto, 15 points), Zone, Spot, Local	
ock-on AF		Yes Predictive control (AF-A, AF-C), Focus lock, Eye-start AF, AF illuminator (built-in flash type, range:	
other features		Approx. 1-5 m)	
xposure control fetering type		1200-zone evaluative metering	
letering sensor		Exmor APS HD CMOS sensor	
Metering sensitivity		EV -2 to EV 17 (at ISO 100 equivalent with F1.4 lens attached)	
Modes		Multi segment, Center weighted, Spot iAUTO, Flash Off, Superior Auto, Scene Selection, Sweep Panorama, Tele-zoom Continuous	
xposure modes		Advance Priority AE, Movie, Picture Effect, Programmed AE (P), Aperture priority (A), Shuttler-speed priority (S), Manual (M) Portrait, Landscape, Macro, Sports Action, Sunset, Night Portrait, Night Scene, Hand-held Twiligh	
xposure compensation		Still images: +/-3.0 EV (0.3 EV steps), Movies: +/-2.0 EV (0.3 EV steps)	
E bracketing		Bracket: Cont., Bracket: Single, with 0.3 EV, 0.7 EV, 1 EV, 2 EV, 3 EV increments, 3 frames	
E lock		Available with AE lock button. AE is also locked when focus is locked in multi-segment meterin mode. Still images: AUTO (ISO 100 - 3200) / ISO 100 - 16000 (1 EV step),	
SO sensitivity (Recomme	eriaea Exposure Index)	Movies: AUTO (ISO 100 - 3200 equivalent) / ISO 100 - 3200 equivalent (1 EV step)	
iewfinder ype		1.0 cm (0.39 type) electronic viewfinder (color), Xtra Fine	
otal number of dots		1,440,000 dots	
ffective number of dots rightness control		1,440,000 dots Auto / Manual (3 steps between -1 and +1)	
olor temperature contro	ol .	Manual (5 steps)	
ield coverage		100%	
lagnification "1 iopter adjustment		Approx. 0.88x -4 to +4 m ⁻¹	
ye point		Maximum: 26.5 mm from the eyepiece, 23 mm from the eyepiece frame at -1 diopter (CIPA	
isplay		standard) Graphic Display / Display All Info. / No Disp. Info. / Histogram	
eal-time image adjustm	nent display	On/Off	
CD screen		4.7 am /2.7 huna) TET drive /Class Bhota LOD)	
ptal number of dots		6.7 cm (2.7 type) TFT drive (Clear Photo LCD) 460,800 dots	
rightness control		Manual (5 steps between -2 and +2)	
ield coverage		100% Up approx. 135 degrees, down approx. 55 degrees	
		ор арргол. 100 асутсез, аоміт арргол. 00 асутсез	
Adjustable angle Display Selector (viewfind	der/LCD)	Auto/Manual	

Focus Magnifier	6.8x, 13.6x
Peaking MF	Yes (Level: High/Mid/Low/Off, Color: White/Red/Yellow)
Zoom	
	Clear Image Zoom: Still images 2x Smart Zoom (still images) M: 1.4x, S: 2x
	Digital Zoom (still images) 4x
Shutter	Digital Zoom (movie) 4x
Туре	Electronically controlled, vertical-traverse, focal-plane type
Shutter speed	Still images: 1/4000 to 30 sec/Bulb, Movies: 1/4000 to 1/4 (1/3 step), up to 1/30 in AUTO mode
Flash sync. speed	1/160 second
Electronic front curtain shutter	Yes, On/Off
SteadyShot INSIDE (image stabilization)	
System	For still images: Image Sensor-Shift mechanism, For movies: Electronic
SteadyShot capability	For still images: Approx. 2.5-4.5 EV decrease in shutter speed (varies according to shooting conditions and lens used)
Flash	
Туре	Auto popup, built-in
Guide No.	10 (in meters at ISO 100)
Coverage	18mm (focal-length printed on the lens body)
Control	ADI flash / Pre-flash TTL
Compensation	±2.0 EV (0.3 EV steps)
Bracketing	0.3 EV, 0.7 EV, 1 EV, 2 EV, 3 EV steps, 3 frames
Modes	Flash off, Autoflash, Fill-flash, Rear sync., Slow Sync., Red-eye reduction (On/Off selectable), Wireless ¹² , Hi-speed sync ¹²
Recycling time	Approx. 4 sec
External flash	Sony α System Flash compatible with Multi Interface Shoe. Attach the optional shoe adaptor (ADP-MAA) for flash compatible with Auto-lock Accessory Shoe.
Wireless control	Yes (wireless flash with lighting ratio control)
Drive	res (whereas hash with highling ratio control)
Drive modes	Single Shooting, Continuous Shooting (Hi/Lo selectable), Self-timer (10/2 sec. delay selectable
	Bracketing (Cont., Single, White Balance)
Continuous shooting speed *3	Hi: Maximum 5 frames per second, Lo: Maximum 2.5 frames per second
	Tele-zoom Continuous Advance Priority AE: Maximum 8 frames per second Tele-zoom Continuous Advance Priority AE: Fine: 16 frames, Standard: 19 frames
No. of frames recordable *3	Continuous shooting "4: Fine: 7 frames, Standard: 8 frames, RAW & JPEG: 5 frames, RAW: 6
	frames
Playback	
Modes	Single (with or without shooting information), RGB histogram and highlight/shodow warning, 4/9-frame index view, Enlarged display mode (L.15x, Mr.11x, S.7.7x), Auto Review (10/5/2 sec. Off), Image orientation (On/Off), Sildeshow, Panorama scrolling, Folder selection (still), Forward Revind (movie), Delete, Protect
Other features	kewirid (movie), belele, Prolect
Office fedibles	Auto Object Framing Face Detection (up to 8 faces detectable automatically) Face Designation
	Auto Object Framing, Face Detection (up to 8 faces detectable automatically), Face Registration Face Selection, Smile Shutter (selectable from 3 steps), In-Camera Guide, Custom Function
Interface	· · · · · · · · · · · · · · · · · · ·
PC interface	Multi/Micro USB Terminal ¹⁵ , Hi-speed USB (USB 2.0): Mass-storage, MTP/Multi (REMOTE)/Micro USB type B
HD output	HDMI mini connector (Type-D), BRAVIA Sync (link menu), PhotoTV HD
Others	Multi Interface Shoe, Microphone jack, DC IN terminal
Compatible OS (USB connection)	
	Windows XP *6 SP3, Windows Vista *7 SP2, Windows 7 SP1, Windows 8, Mac OS X (10.5-10.8)
Audio	
Microphone	Built-in stereo microphone or ECM-XYST1M / ECM-CG50 (sold separately)
Speaker	Built-in, monaural, volume settings in 8 steps between 0 and 7.
Print Output Description of the description	Full Date Date Date Income Material III DDOF colling
Compatible standards	Exif Print, Print Image Matching III, DPOF setting
Custom function	Ouaton kou acttions
Type Power	Custom key settings
Battery	Rechargeable battery pack NP-FM500H
Still images	Approx. 690 shots with viewfinder and 700 shots with LCD screen (CIPA standard)
Movies	Actual *8*9: Approx. 160 min. with viewfinder and 160 min. with LCD screen (CIPA standard)
	Continuous *8*10: Approx. 270 min. with viewfinder and 265 min. with LCD screen (CIPA standard)
External power	AC Adaptor AC-PW10AM (optional)
With botton and Momon Stick PDO Due	Approx 572 a (1 lb 4 2 oz)
With battery and Memory Stick PRO Duo Body only	Approx. 573 g (1 lb 4.2 oz)
	Approx. 492 g (1 lb 1.4 oz)
Dimensions (W x H x D) (excluding protrusions)	Approx. 128.6 x 95.5 x 77.7 mm
Body material	гругов. 120.0 х 70.0 х 77.7 11111
Body material	High-grade plastic exterior
Operating temperature	V V

0°C to 40°C (32°F to 104°F) Specifications and features are based on information available at the time of printing and are subject to change without notice.

*1 With 50 mm lens at infinity, -1 m⁻¹
*2 With compatible external flash

2 Winn companies beaution that is 3 Speed may vary depending on shooting conditions and memory card in use.

*4 When drive mode is set to continuous shooting "Hi" mode.

*5 Supports Micro USB compatible devices

*6 64-bit and Starter Editions are not supported.

7 Starter Edition is not supported.

18 Continuous movie recording is possible for approximately 29 minutes (limited by product specifications).

19 Indicated recording time is defined by repeating the following cycle: Power on, start recording, zoom, stand-by and power off.

10 Indicated recording time is defined by repeating the following cycle: Pressing the MOVIE button. No other operations such as zoom are performed.

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Sony World Photography Awards http://www.worldphoto.org/

eco

Recycled plastic (recycled material rate: 10%) is used in the chassis. SoRPios (Sony Recycled Plastic) contains 99% recycled material content and is used in internal components of the product — virtually eliminating the need to use oil-based virgin plastics.

System requirements of bundled software

	Image Data Converter Ver.4		PlayMemories Home	
OS*	Microsoft Windows®	Macintosh	Microsoft Windows®	
03	Windows® XP** SP3, Windows Vista® SP2, Windows® 7 SP1, Windows® 8	Mac OS X (10.5-10.8)	Windows® XP** SP3, Windows Vista® SP2, Windows® 7 SP1, Windows® 8	
CPU	Pentium 4 or faster	Intel Core Solo, Core Duo, Core 2 Duo or faster	Pentium III 800 MHz or faster (for playing/editing HD movies:Intel Core Duo 1.66 GHz or faster, Intel Core 2 Duo 1.66 GHz or faster, Intel Core 2 Duo 2.26 GHz or faster (HD FX/HD FH), Intel Core 2 Duo 2.40 GHz or faster (HD FX/HD FH), Intel Core 2 Duo 2.40 GHz or faster (HD PS))	
Momony	1 CR or more is recommended	1 CR or more is recommended	512 MR or more (for playing/editing HD movies: 1 GR or more)	

the operating requirements of the OS.

* Must be installed with the above OS at delivery. Proper operation cannot be guaranteed with an upgraded OS environment.

** 64-bit and Starter Editions are not supported. Windows Image Mastering API (IMAPI) Ver. 2.0 or later is required for disc burning function.

The computer environment must also satisfy

Trademarks & Remarks

- Trademarks & Remarks

 * Sonyr, "make Delieve", "A", "Exmor", "BIONZ", "BRAVIA", "SleadyShof", "VAIO", "InfoLITHIUM", "Translucent Mirror Technology", "Tru-Finder", "G Lens", "Memory Slick", "Memory Slick PRO Dua", "Memory Slick XC-HG Dua", "Memory Slick XC-HG Dua", "Memory Slick PRO Dua", "Park Dua", "Dua", "Dua",



Professional quality in a compact body

Two keys to outstanding photos and movies

You won't see them but they are there: Sony's 16.1 megapixel* Exmor™ APS HD CMOS sensor and BIONZ™ image processing engine. This winning combination — the same as found in highergrade DSLR cameras — delivers richly detailed images with smooth tonal gradations and vivid colors thanks to the large APS-C sensor. The high resolution gives you a great deal of freedom when cropping so you can create the most pleasing composition without sacrificing image quality. * Effective pixels (approx.)







NEX-3N





- Exmor™ APS HD CMOS sensorwith 16.1 effective megapixels (approx.)
- The world's smallest and lightest camera*
- 180° tiltable 3.0-type (7.5 cm) LCD screen
- Easy self-portraits and a new zoom lever
- Built-in flash
- New Auto Object Framing
- * Among interchangeable-lens cameras with an APS-C sensor and built-in flash as of February 2013.

MRP Rs. 29,990/-



NEX-5R





- Exmor™ APS HD CMOS sensor with 16.1 megapixels*
- Interchangeable lens: Sony E-Mount
- Newly developed Fast Hybrid AF
- Touch screen with Touch Shutter function
- 180° tiltable 3.0-type (7.5 cm) Xtra Fine LCD screen
- Built-in Wi-Fi
- * Effective pixels (approx.)







MRP Rs. 39,990/-



NEX-6





- Exmor™ APS HD CMOS sensor with 16.1 megapixels*
- Interchangeable lens: Sony E-Mount
- Newly developed Fast Hybrid AF
- Two dials for DSLR-like operation
- Electronic viewfinder (XGA OLED Tru-Finder™)
- Built-in Wi-Fi
- Multi interface shoe
- * Effective pixels (approx.)









MRP Rs. 49,990/-



Compatible lens for NEX







SONY











SEL35F18 A





SEL50F18 A

Other Accessories









Advanced Quick Auto Focus Live View

New autofocus system for DSLR-like response

NEX is equipped with Sony's Fast Hybrid AF* — an innovation that combines the hyper-responsiveness of phase-detection AF with the precision of contrast-detection AF. First, fast phase-detection AF quickly moves the lens to bring the subject into near focus after which highly precise contrast-detection AF finishes focusing. It all happens in the blink of an eye so you're always assured of capturing every fleeting moment.

* See "Lens support for Fast Hybrid AF" on the back cover for details on compatible lenses.



10 Frames Per Second Continuous Shooting*

10 fps high-speed continuous shooting

Rely on NEX to flawlessly capture any fast-breaking action. Speed Priority Continuous mode is capable of a blazing 10 fps while maintaining focus on the subject thanks to Fast Hybrid AF, producing exciting action sequences with each frame perfectly focused.



*Only in NEX 5R & NEX 6

Continuous AF for & Full HD Movie Recording





Picture Effect — Your key to an exciting photographic adventure

Creativity comes easy with NEX-6 thanks to Picture Effect. 11 modes with 15 total effects — such as Partial Color, Posterization, Toy Camera, High Contrast Monochrome, HDR Painting and more — give you the means to transform everyday photos into impressive works of art. As you apply effects, results are shown in real-time on the LCD screen*.

* The following modes are not displayed in real-time and cannot be applied to movies: HDR Painting, Rich-tone Monochrome, Soft Focus and Miniature.



HDR Paintina



Miniature



Soft Focus





al Color (Red)



Soft High-key



Pop Color



Posterization (Cold

Wi-Fi connectivity with mobile devices and more

Built-in Wi-Fi lets you view photos on just about any wireless-compatible device. For smartphones and tablet PCs, simply install PlayMemories Mobile — a free mobile app — and transfer photos directly from the camera. You can also connect wirelessly to compatible wide-screen TVs to view photos, using the camera as a remote control. And when it's time to download photos and movies to a PC on which PlayMemories Home is installed, do it wirelessly without bothering with cables.









Preserving the natural beauty of delicately lit low-light scenes

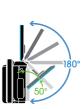
Never worry about ruining the lovely atmosphere of a warmly lit interior or sparkling night scene. The ultra-high ISO of 25600 lets you shoot without flash for images that faithfully convey the ambience of the setting, while NEX-6's noise reduction technology markedly reduces noise that occurs when shooting at high ISO sensitivity. You'll also appreciate the freedom high ISO sensitivity provides, allowing you to shoot at fast shutter speeds to eliminate the need for a tripod or to capture fast-moving action.



180° tiltable LCD screen for expressive self-portraits*

NEX-5R is the camera for fantastic self-portraits thanks to its 3.0-type 921K-dot Xtra Fine LCD screen that tilts completely forward 180° and down approx. 50°. You'll be able to compose carefully for more and movies. Include someone dear to your heart or frame yourself perfectly against a striking background. For added convenience, after pressing the shutter, the camera counts down for three seconds so you can put on your best face for the shot. pleasing and compelling photos







Only in NEX 3N & 5

28

DSC-RX100



SONY





- 1.0 type (13.2 x 8.8mm) "Exmor" CMOS sensor, aspect ratio 3:2
- 20.2 megapixels
- Carl Zeiss Vario-Sonnar T lens
- BIONZ image processing engine for optimised noiseless depiction
- Comfortable control ring for manual operation
- Optical SteadyShot for image stabilization
- 7.62 cm (3) xtra fine LCD
- New WhiteMagicTM Technology

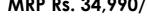
MRP Rs. 34,990/-

















Enormous 1.0 type CMOS image sensor

Carl Zeiss



1.0 type (13.2 x 8.8 mm) Exmor CMOS sensor

Generic 1/2.3 type (7.76 mm diagonal) sensor

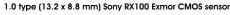
The huge dimensions of this specially developed Exmor CMOS sensor capture more light from your scene and reproduce every stunning detail with greater fidelity. Original dual noise reduction and column A/D conversion also decrease noise to ensure smooth, clear reproduction even in low-light conditions at approx. 20.2-megapixel effective resolution.

Benefits of 4 times* larger image sensor

- More details
- More brightness
- More focus on the subject

Professional Quality with 4 times* larger image sensor





Conventional 1/2.3 type (7.76 mm diagonal) senso

*Disclaimer: RX100 image sensor size approx. 4 times that of a conventional camera image sensor.

Accessories



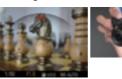




Manual Control

Intuitively adjust settings with the control ring and interface.

Get SLR-like handling with a full range of controls for video and still shooting-from Program, Aperture Priority, Shutter Priority and Manual (P/A/S/M) modes for more advanced photographers, to an incredibly effective iAuto mode perfect for beginners. On-screen prompts help you refine your skills, build confidence and exercise areater creative control





Your favarite, most frequently used functins are only a press away thanks to the easily customizable function button. Just press the button and turn the control ring for the ultimate in carefree parameter adjustment. Up to functins can be assigned to the function button from a list of 17 possibilities.

Auto HDR







details captured



details captured





Partial Color



Final image with optimum with the function button. shadow/highlight detail

The Auto HDR function strives to capture the full range of tonal gradations, from highlights to shadows, that the human eye can see. The camera continuously takes three images at different exposures after the user presses the shutter button The camera then composites the three images to

create an optimally exposed jpeg image. No tripod is necessary because subject detection technology takes subject movement into account to ensure precise compositing of the three images.

Specifications

•		
Image Sensor		
Sensor Type		1.0 type (13.2 x 8.8mm) "Exmor" CMO\$ sensor, aspect ratio 3:2
Number of pixels		[Effective] Approx. 20.2 megapixels [Gross] Approx. 20.9 megapixels
Lens		
Lens Type		Carl Zeiss Vario-Sonnar T*, 7 elements in 6 groups (4 aspheric elements including AA lens)
F-number (Maxir Aperture)	mum	F1.8 (W) - 4.9 (T)
Aperture Type		Iris diaphragm (7 blades)
Focal Length (f =)	f=10.4 - 37.1mm
35mm film equi	valent	[Shill Image 3:2] f = 28-100mm [Shill Image 16:9] f = 29-105mm [Shill Image 4:3] f = 30-108mm [Shill Image 1:1] f = 36-127mm [Moviel 6:9] f = 29-105mm (SteadyShot Standard), f = 33-120mm (SteadyShot Active mode) [Movie 4:3] f = 36-128mm (SteadyShot Standard), f = 41-146mm (SteadyShot Active mode)
Focus range (from the front of t	he lens)	AF approx. 5cm to infinity (W), approx. 55cm to infinity (T)
Optical Zoom		3.6 x (Optical Zoom during movie recording)
Clear Image Zoom	n*1*2 Still Image	7.2x
Digital Zoom [*] 1	Still Image	20M approx. 14x/10M approx. 20x/5M approx. 28x/VGA approx. 54x
	Movie	14x
Screen		
Screen Type		7.5cm (3.0 type) (4:3) / 1,229,000 dots / Xtra Fine / TruBlack / TFT LCD
Brightness Contr	ol	Auto / Manual (5 steps) / Sunny Weather mode
Camera		
SteadyShot		[Still image] Optical [Movie] Active Mode, Optical type with electronic compensation (Anti-rolling)
Focus Mode		Single-shot AF (AF-S)/Continuous AF (AF-C)/ Direct Manual Focus (DMF)/Manual Focus
Focus Area		Multi point AF (25 points) / Center weighted AF/Flexible spot/Flexible spot (tracking focus)/Flexible spot (face tracking)
Light Metering N	1ode	Multi segment / Center weighted / Spot
Exposure Compe	ensation	+/- 3.0 EV, 1/3 EV step
ISO Sensitivity (Still Image) *3		Auto (ISO125-6400, selectable with upper/lower limit), 125/200/400/800/1600/3200/6400 (Expandable to ISO 80/100) Multi Frame NR: Auto (ISO125-25600), 200/400/800/1600/3200/6400/12800*4/25600*4
ISO Sensitivity (N	Movie)	Auto (ISO125-3200 equivalent), 125/200/400/800/1600/3200 equivalent
White Balance Mode		Auto / Daylight / Shade / Cloudy / Incandescent / Fluor (Warm White) / Fluor (Cool White) / Fluor (Day White) / Fluor (Daylight) / Flash / Color temperature, Color filter / Custom
Shutter Speed		iAuto (4-1/2000) / Program Auto (1-1/2000) / Manual (Bulb, 30-1/2000) / Aperture Priority (8-1/2000) / Shutter Priority (30-1/2000)
Aperture		F1.8-11 (W), F4.9-11 (T)
Continuous Shooting Speed (maximum)*5		Speed Priority Continuous mode: Approx.10 fps, continuous mode: 2.5 fps (AF-S) $$
Image Control		Creative Style, Color Space (sRGB / Adobe), Quality (RAW/RAW & JPEG Fine / Standard), Long Exposure NR (On / Off), High ISO NR (Normal / High / Low), Multi Frame Noise Reduct.
Dynamic Range	Functions	Off, Dynamic Range Optimizer (Auto / Level), Auto High Dynamic Range: Off, Auto exposure difference, Exposure difference level (1.0-6.0EV, 1.0-EV step)
Self-Timer		10sec./2sec./Self portrait/Self timer Cont.
Shooting Mode		Superior Auto, Intelligent Auto, Program Auto (Program shift available), Shutter Priority, Aperture Priority, Manual, Scene Selection, Movie, Sweep shooting

Scene Selection		Portrait, Anti Motion Blur, Sports Action, Pet, Gourmet, Macro, Landscape, Sunset, Night Scene, Hand-held Twilight, Night Portrait, Fireworks, High Sensitivity	
Sweep Shooting		Sweep Panorama	
Creative Style		Standard, Vivid, Portrait, Landscape, Sunset, Black & White	
Picture Effect		Toy Camera, Pop Color, Posterization, Retro Photo, Soft High-key, Partial Color, High Contrast Monochrome, Soft Focus, HDR Painting, Rich-tone Monochrome, Miniature, Watercolor, Illustration	
Number of	Recognized Scene	[Still Image] 33 [Movie] 44	
Flash	Flash Mode	Auto / Fill-flash / Slow Sync / Rear Sync / Off	
	Flash Range	ISO Auto 0.30 m to 17.1 m (W) / 0.55 m to 6.3 m (T) ISO 6400 up to 24.2 m (W) / 8.9 m (T)	
Other Shoo	oting Functions	Face Detection, Face Registration, Smile Shutter, Dual Rec, Grid Line, Digital Level Gauge (pitch and roll), MR (memory recall), Exposure Bracketing, White Balance Bracketing, Peaking, MF Assist, Auto Portrait Framing, Photo Creativity, Shooting Tips	
Recording			
Compatib Media*6	le Recording	Memory Stick Duo, Memory Stick PRO Duo, Memory Stick PRO Duo (High Speed), Memory Stick PRO-HG Duo, Memory Stick Micro*7, Memory Stick Micro (Mark2)*7, SD Memory Card, SDHC Memory Card, SDXC Memory Card, microSD Memory Card*7	
Recording	Format	Still Image: JPEG, RAW (Sony ARW 2.3 format), Movie: AVCHD Ver.2.0, MP4	
File format		DCF/DPOF	
Number of Recorded Pixels (Image Size)		[3:2] L: 20M (5472 x 3648)/M: 10M (3888 x 2592)/S: 5.0M (2736 x 1824) [16:9] L: 17M (5472 x 3080)/M: 7.5M (3648 x 2056)/S: 4.2M (2720 x 1528) [4:3] L: 18M (4864 x 3648)/M: 10M (3648 x 2736)/S: 5.0M (2592 x 1944)/VGA [1:1] L: 13M (3648 x 3648)/M: 5.5M (2544 x 2544)/S: 3.7M (1920 x 1920) Sweep Panorama: Wide (12416 x 1856/5536 x 2160), Standard (8192 x 1856/3872 x 2160)	
Movie Recording Mode		AVCHD: 28M PS (1920x1080,60p/50p) / 24M FX (1920x1080, 60i/50i) / 17M FH (1920x1080, 60i/50i) MP4: 12M (1440x1080,30i/ps/25fps) / 3M VGA (640x480,30fps/25fps)	
Print			
		Exif Print, PRINT Image Matching (PIM3)	
Interface			
-	Output Terminal	Micro USB, Hi-Speed USB (USB2.0), Micro HDMI	
Power			
Power Sour		DC3.6V (supplied battery) / DC5.0V (supplied AC Adaptor)	
Battery Sys		NP-BX1 (supplied)	
Power Consumption (Camera mode)		Approx. 1.5W	
USB Charge	e/USB Power Supply	Yes (supplied AC adaptor)	
Battery Life		[Still Image] Approx.330 / Approx.165 min. (LCD)*8, [Movie] Approx.80 min.*9	
Others			
Other Play	back Function	3D viewing mode*10, Control for HDMI, Slideshow	
Dimensions (WxHxD) (C	IPA compliant)	101.6 x 58.1 x 35.9mm (4"x2 3/8"x1 7/16")	
Weight (CII	PA compliant)	Approx. 240g (8.5oz.) (Battery and Memory Stick Duo included) / Approx. 213g (7.5 oz.) (Body only)	
Supplied Accessory		Rechargeable Battery Pack NP-BX1, AC Adaptor AC-UD10/11, Micro USB cable, Wrist Strap, Shoulder Strap Adaptor, Instruction Manual	

Shoot Stunning Videos with Sony Professional Handycam



HDV

1080/50i

1080

HVR-Z5P

Recorder

Acquisition

Picture Profile™

Smooth Slow Rec

HYBRID

MRP Rs. 21,000/-

MRP Rs. 3,25,000/-

Digital HD Video Camera

Emerging the new world standard camcorder in HD

Switchable Recording and Playback HDV10801/ DVCAM™ /

FROGRESSIVE

Sony's Exclusive High-performance "G Lens"

1/3 type 3 ClearVid CMOS[™] Sensor System

Selectable Native and Progressive Scan Modes

HYBRID Solutions with HVR-MRC1K (Optional)

DVCAM

Natural-touch Lens Operation

Wide Angle: 29.5mm at 16:9 Video

• Smooth WB (White Balance) & WB Shift







- 1/3 type 3 ClearVid CMOS™ Sensor System
- Enhanced Functionality via the Technology of "Exmor"
- Carl Zeiss Lens for HD Video as standard
- Wide Angle: 32mm at 16:9 Video
- Easy-to-use Interchangeable Lens for Fixed-lens Camcorder
- Natural-touch Lens Operation
- Wide Range of Lenses with Alpha Lens Compatibility
- HDV Compact Flash Memory Recording Unit in file-based
- HDV, DVCAM and DV Recording

MRP Rs. 5,30,000/-



HYBRID

2NP-F970/B



Recommended Accessories







Rechargeable Twin Battery Pack









DVCAM

MRP Rs. 18,000/-





ACC-L1BP





HXR-NX5P

Digital HD Video Camera Recorder

Debut of the NXCAM Camcorder HXR-NX5 Heralding new standards in content creation

- Three 1/3 Exmor CMOS Sensor[™]
- Sony-exclusive High-performance "G-Lens"
- Wide Angle: 29.5mm at 16:9 Video
- Six-blade Iris with built-in ND Filters
- Location Simplication with Cutting-edge GPS Technology
- Shoot and Walk with the New Active SteadyShot
- The Revolutionary AVCHD Format
- Loss-less Audio Recording Capability through Dolby Digital or Linear PCM Stereo
- MPEG-2 for SD (Standard Definition) Recording format
- · Supplied Content Management Utility (CMU) Software for ease of ingesting and editing



MRP Rs. 3,00,000/-











HD MOVIE

HDV

1080/50i

1080

	• • •				
		AVCHD	AVCHD	AVCHD	AVCHD
		24Mbps (max) FX mode	17Mbps (avg) FH mode	9Mbps (avg) HQ mode	5Mbps (avg) LP mode
	1GB	4 min	6 min	10 min	15 min
Linear	2GB	10 min	10 min	20 min	35 min
PCM	4GB	20 min	25 min	45 min	70 min
2ch	8GB	40 min	55 min	95 min	150 min
	16GB	85 min	110 min	190 min	300 min
	32GB	170 min (2h 50m)	225 min (3h 45m)	385 min (6h 25m)	605 min (10h 5m)

SD MOVIE

		SD 9Mbps
		(avg) HQ mode
	1GB	10 min
Dolby	2GB	25 min
Digital	4GB	55 min
2ch	8GB	115 min
	16GB	235 min
	32GB	475 min (7h 55m)

DSR-PD177P

Digital Video Camcorder

Professional quality you can control; exceptional performance you can depend on.

- Sony's High-performance G Lens
- 20x Optical Zoom
- 1/3 ClearVid "Exmor R" CMOS SensorTM
- Wide Angle: 29.5mm at 16:9 Video
- Natural-touch Lens Operation
- 3.2(8.14 cms) Wide 921k dots XtraFine LCD
- Standard Definition Video Codec / DV Format
- On-handle Zoom Lever and Record Button
- Optical SteadyShot & Smooth Slow Recording
- Digital Still Camera Function with Memory Stick Dual/Memory Stick PRO Duo

MRP Rs. 2,08,000/-



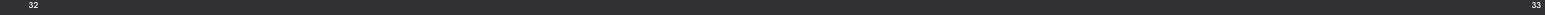




DVCAM







NEX-VG900





MRP Rs. 1,79,990/-



35mm film was once a cinematographic standard. Now the 35mm full-frame format is available once again to digital movie makers who want the extensive expressive capabilities it provides. Progressive recording, interchangeable lenses, outstanding audio quality, and comprehensive manual control all contribute to unmatched quality and creative control as well.







imagery and gorgeous defocusing effects.

NEX-VG900









A solid foundation for outstanding images 24.3 megapixel Exmor 35mm FULL-FRAME CMOS IMAGE SENSOR

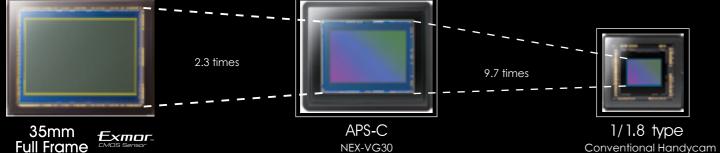
From highly resolved detail to smoothly defocused backgrounds, nothing matches a full-frame sensor for quality. This new 24.3 megapixel full-frame sensor offers superior resolution and 2.33 times the surface area of APS-C size sensors, for beautiful low-noise

DSLR-class still images with RAW capture capability

The NEX-VG900 is also capable of shooting up to three DSLR-class still images per second, with RAW* output if required to allow the widest possible range of postprocessing options.



Sony Image Sensor Technology EXMOR



Intimate control lets your imagination flow

Precision touch-panel LCD monitor and XGA OLED viewfinder

Fine details and tonal values are faithfully reproduced by a 920,000-dot "Xtra Fine" 3.0 type LCD monitor that facilitates precise manual focusing and also functions as a touch panel for intuitive control. The viewfinder is a crisp, high-contrast XGA OLED "Tru-Finder" type.



Direct keys and assignable control dial

Aperture, shutter speed, and gain adjustments can be easily accessed via externally mounted direct keys. An assignable control dial also enables easy, rapid adjustment of manual exposure settings for hands-on creative control in any situation.

Extended video recording time

With the NEX-VG900 recording times are limited only by the capacity of the memory card used. The supplied NP-FV70 will allow operation for more than two hours, or the optional NP-FV100 battery can be used for more than five hours operation.*

* Times may vary according to the lens used

Handling optimized for video shooting

Handling is another feature that is essential for high-quality video. The grip offers an intimate fit with the camcorder in shooting position, and low-angle shots can be managed comfortably and stably by gripping from above.

Vegas™ Movie Studio HD Platinum 12

Movie Studio Platinum software is as robust as it is straightforward. Edit video in nearly any format, including AVCHD™ and stereoscopic 3D. With innovative and powerful features for video compositing, color correction, and animated titling, feature-film results are easier to achieve than ever. Use the surround sound mixing tools to create 5.1 soundtracks. Choose from hundreds of professional 2D and 3D video effects and filters, Upload movies to Pixelcast™ and YouTube™, burn to Blu-ray Disc™, or author DVDs using beautifully designed themes and custom menus and graphics. Interactive Show Me How tutorials guide you through step-by-step processes so you can get started fast.

A-mount lenses for extensive visual potential

Use full frame A-mount lenses with supplied LA-EA3 Adaptor



The extensive and varied selection of Sony A-mount lenses that is already available, including spectacular G-Lens and Zeiss models, can add valuable expressive options to your cinematographic vocabulary. The supplied LA-EA3 adaptor means that full-frame A-mount lenses can be used as well, providing a comprehensive variety of creative tools for expressive movie making.

* Autofocus not available with STF or teleconverter lenses



Full Frame lens varaiety



Vario-Sonnar T* 24-70mm F2.8 ZA SSM (SAL2470Z) MRP Rs. 1.19.990/



Planar T* 85mm F1.4 ZA (SAL85F14Z) MRP Rs. 109,990/-



70-300mm F4.5-5.6 G SSM (SAL70300G) MRP Rs. 54,990/



F2.8 SAM MRP Rs. 49,990/-

Other Full Frame Range



- 24.3-megapixel 35mm full-frame Exmor CMOS sensor
- · Advanced integrated BIONZ image processing engine
- Dual AF System (19 + 102 points) the world's first* AF system with two phase detection AF sensors
- · Full HD 60p movie recording in a fullframe sensor camera

MRP Rs. 1,79,990/-





- 24.3-megapixel 35mm full-frame
- Exmor CMOS sensor Carl Zeiss® Sonnar

MRP Rs. 1,79,990/-



NEX-VG30E

Interchangeable Lens











Creative flexibility at its best

- Auto power zoom with variable speed control
- 16.1 Megapixel "Exmor R" APS HD CMOS sensor™
- Wide Angle: 32.4mm with SELP 18200 lens
- Progressive recording: 50p (PAL)
- Quad Capsule Spatial Array Microphone
- Full manual control capability for video recording
- 3.0 type Xtra Fine touch-panel LCD monitor technology
- SELP18200 telephoto zoom lens supplied with main unit*

MRP Rs. 1,39,990/-



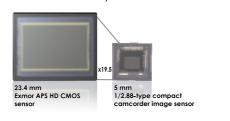






16.1-Megapixel Exmor™ APS HD CMOS Sensor A bigger sensor to create more drama

The NEX-VG20 features a 16.1-megapixel Exmor™ APS HD CMOS Sensor with an imaging area that is 19.5 times larger than the sensors used in conventional camcorders. This enables you to achieve dramatic background defocusing effects that are unmatched by smaller sensors



Uncompromising audio quality

High sound quality is assured by a built-in, high performance Quad Capsule Spatial Array Stereo Microphone with four individual microphone capsules, optimally positioned to achieve a 100% improvement in directivity and a 6dB improvement in S/N ratio.



Microphone capsule structure







Compatible with all Alpha E-mount Lens





F3.5-6.3 OSS (SEL18200)



Sonnar T* E 24 mm F1.8 ZA MRP Rs. 54,990/-



MRP Rs. 19,990/-

* Refer to page 21 for complete range of lens







LA-EA2 MRP Rs. 22,990/-

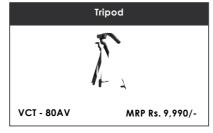
Recommended Accessories

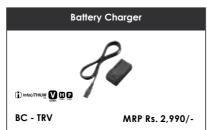












HVR-HD1000P

Digital Video Camcorder

The perfect shoulder-mount choice when it comes to weddings, corporate and sporting events.

- 1/2 Type ClearVid CMOS Sensor™ Imaging System
- Optical 10x Carl Zeiss Vario-Sonnar T* Zoom Lens
- Wide Angle: 29.5mm at 16:9 Video
- Longer Operating Time with Lithium Batteries
- Super SteadyShot™ (Optical) Image Stabilizer
- Economically Designed Handle with Record & Zoom Control
- Super NightShot™
- HDV 1080I/DV Switchable Option
- Down Conversion Playback Capabilities
- Smooth Slow Recording
- Shoulder-Mount Design for Stable Operation

MRP Rs. 1,00,000/-

















HD can be recorded on an inexpensive DV Cassette Tape

Video and television technology, as well as viewer preferences, are moving from standard definition (SD) to high definition (HD) - just like black and white television moved to color in the past.

HD has almost twice the number of scanning lines available than SD. This means you can see much sharper detail and finer image quality when your work is viewed on a HD display monitor. The HVR-HD1000P adopts the HDV format for HD recording.



1/2.9 ClearVid CMOS SensorTM

The next generation of Sony imaging sensor, the ClearVid CMOS Sensor used in the HVR-HD1000P camcorder, is quite unique and different from current CMOS technology. The ClearVid CMOS Sensor uses a unique pixel layout rotated 45 degrees to provide high resolution and high sensitivity. This pixel layout technology is also used in higher end professional camcorders. The ClearVid CMOS Sensor, coupled with an Enhanced Imaging ProcessorTM (EIP), generates stunning images.

Recommended Storage 5DVM60R3 J



Recording Time: 60 Minutes

Recommended Accessories







HXR-MC1500P

Digital Video Camcorder





Professional Shoulder-mount shooting style with an affordable file-based workflow

- Sony "G" Lens with 12x Optical Zoom
- 1/4 "Exmor R" CMOS Sensor™
- Wide Angle: 29.8mm at 16:9 Video
- The Revolutionary AVCHD File Format & MPEG-2
- Efficiency and Operability on 32 GB Internal Memory
- 7.1MP Still Image
- Optical SteadyShot (Active Mode)
- Large lens ring controls
- Stereo Microphone

MRP Rs. 90,000/-













MPEG2 SD

DCR-SD1000E

Digital Video Camcorder



Professional quality you can control; exceptional performance you can depend on.

- Sony "G" Lens with 12x Optical Zoom
- 1/4 "Exmor R" CMOS Sensor™
- Wide Angle: 36.5mm at 4:3 Video
- Standard Definition Video Codec MPEG2-PS
- Efficiency and Operability on 32 GB Internal Memory
- 7.1MP Still Image
- Optical SteadyShot (Active Mode)
- Large lens ring controls
- Stereo Microphone

MRP Rs. 69,000/-

















HXR-MC1500P

HD movie (w / 2ch Audio)

	AVCHD 24M (FX) (1920 x 1080i)	AVCHD 17M (FH) (1920 x 1080i)	AVCHD 9M (HQ) (1440 x 1080i)	AVCHD 5M (LP) (1440 x 1080i)
2 GB Memory Card	10 min	10 min	25 min	45 min
4 GB Memory Card	20 min	25 min	55 min	95 min
8 GB Memory Card	40 min	55 min	115 min	195 min
16 GB Memory Card	85 min	115 min	230 min	395 min
32 GB Memory Card	175 min	230 min	465 min	790 min
32 GB Internal Memory	180 min	230 min	467 min	797 min

HXR-MC1500P / DCR-SD1000E SD movie (w / 2ch Audio)

	STD 9M (HQ)
2 GB Memory Card	25 min
4 GB Memory Card	55 min
8 GB Memory Card	115 min
16 GB Memory Card	235 min
32 GB Memory Card	475 min
32 GB Internal Memory	482 min

Supplied Editing Software

- Video Camera Application
- Picture Motion Browser

Recommended Flash Memory









Recommended Accessories







Specification Comparison Chart

Model	DCR-SD4000E	HXR-MC1500P	DSR_PD477P	HVR-HD4000P	NEX-VG30	NEX-VG900	HXR-NX5P	HVR-75P	HVR-77P
MRP Rs.	-/000'69	-/000'06	2,08,000/-	1,00,000/-	1,39,990/-	1,79,990/-	3,00,000/-	3,25,000/-	5,30,000/-
Video Resolution	Standard Definition	Full HD 1080	Standard Definition	Full HD 1080	Full HD 1080	Full HD 1080	Full HD 1080	Full HD 1080	Full HD 1080
Movie Format	MPEG2	AVCHD / MPEG2	DVCAM /DV (PAL)	HDV1080/50i	AVCHD	AVCHD	AVCHD / MPEG2	HDV / DVCAM / DV	HDV / DVCAM / DV
Media Storage Type	Internal 32 GB + Memory Stick / SD card	Internal 32 GB + Memory Stick / SD card	MiniDV	MiniDV	Memory Stick	Memory Stick	Memory Stick / SD Card	MiniDV	MiniDV + CF Card
Still Picture Resolution	T meca	MEGA MEGAS SITUATES ATEONOMY	A,N	STEMPLES HEEDS	TE T week	24.3 mees	A,N	A,N	Ą.Z
Optical / Digital Zoom Ratio	12x / 160x	12x / 160x	20X	10X	18-200 mm	Ą.Z	20X	20X	12x
Wide Angle	36.5 mm at 4:3 video	29.8 mm at 16:9 video	29.5 mm at 16:9 video	40 mm at 16:9 video	32.4 mm with SELP18200 lens	N.A	29.5 mm at 16:9 video	29.5 mm at 16:9 video	32 mm at 16:9 video
Lens Type	פֿ	ש	D	Carl Zeiss Zeiss	Interchangeable Lens (E-mount)	Interchangeable Lens (A-mount)	Ð	ש	Carl Zeiss Zerss
Sensor Size	1/4 "EXMOR R" CMOS [™]	1/4 "EXMOR R" CMOS™	3-Chip 1/3 Type "EXMOR R" CMOS™	1/2.9 ClearVid CMOS Sensor	APS-C SENSOR	FULL FRAME SENSOR	1/3-type 3 ClearVid CMOS Sensor	1/3-type 3 ClearVid CMOS Sensor	1/3-type 3 ClearVid CMOS Sensor
Audio Format	Dolby Digital 2ch.	Dolby Digital 2ch., 16 Bit, 48 KHz (for HD & SD)	Linear PCM(2ch)	Linear PCM(2ch)	Dolby® Digital 5.1ch,	Dolby® Digital 5.1ch, Dolby® Digital 5.1Creator	Dolby Digital 2ch. / Dolby® Digital 5.1Creator	Linear PCM(2ch) Linear PCM(2ch)	Linear PCM(2ch)
Microphone	Supplied (ECM PS1)	Supplied (ECM PS1)	Built in Stereo Microphone	Supplied (ECM PS1)	Quad Capsule Spatial Array Microphone	Quad Capsule Spatial Array Microphone	Built in Stereo Mic/ ECM - XM1 supplied	Built in Stereo Mic/ ECM - XM1 supplied	Built in Stereo Mic/ ECM - XM1 supplied
Built in LCD Monitor	2.7(6.87cms) Touch Panel	2.7(6.87cms) Touch Panel	3.2(8.14cms)Xtra Fine LCD™	2.7(6.87cms) Touch Panel	3.0(7.63cms) Xtra Fine LCD™	3.0(7.63cms) Xtra Fine LCD™	3.2(8.14cms) type, XtraFine LCD	3.2(8.14cms) type	3.2(8.14cms) type XtraFine LCD
Mic. Input	Yes (Stereo Minijack)	Yes (Stereo Minijack)	XLR 3 pin (female)	Yes (Stereo Minijack)	*Yes (Stereo Minijack)	*Yes (Stereo Minijack)	XLR 3-pin (female)	XLR 3-pin female x 2ch	XLR 3-pin (female)
Component Video Out	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
HDMI Out	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes

Attractive Finance Offers*









*Conditions apply. #Finance at the sole discretion of financier.